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ARIZONA SEED & FLORAL Co

PHOENIX
ARIZONA
1922

LIBRARY
U.S. Department of Agriculture

THE STORE BOTH INTERESTING AND BEAUTIFUL

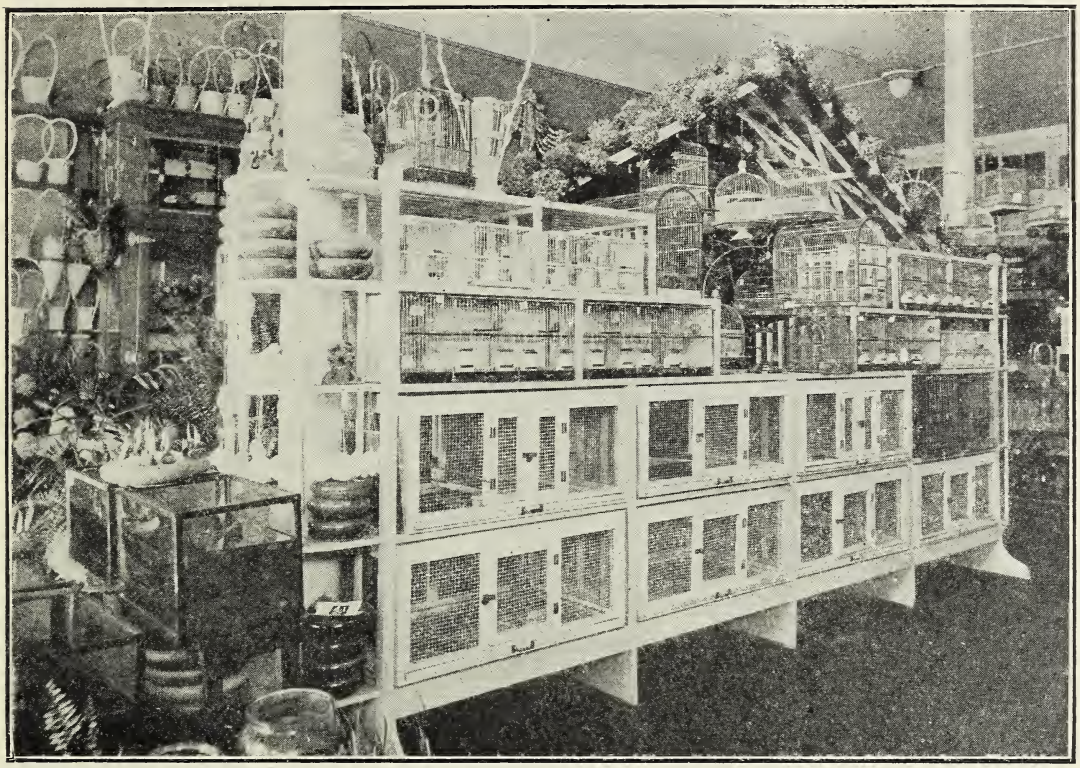
Interior views of the largest and best equipped Seed and Floral Store in the Southwest.—The entire store covers an area of approximately 11,200 square feet. This beautiful and interesting store is always open to the public and we would be more than pleased with a visit from you.

A PARTIAL VIEW OF OUR FLORAL DEPARTMENT, where your orders are promptly and carefully executed by experts in this line. Our Floral Department is conceded the most up-to-date in the Southwest.

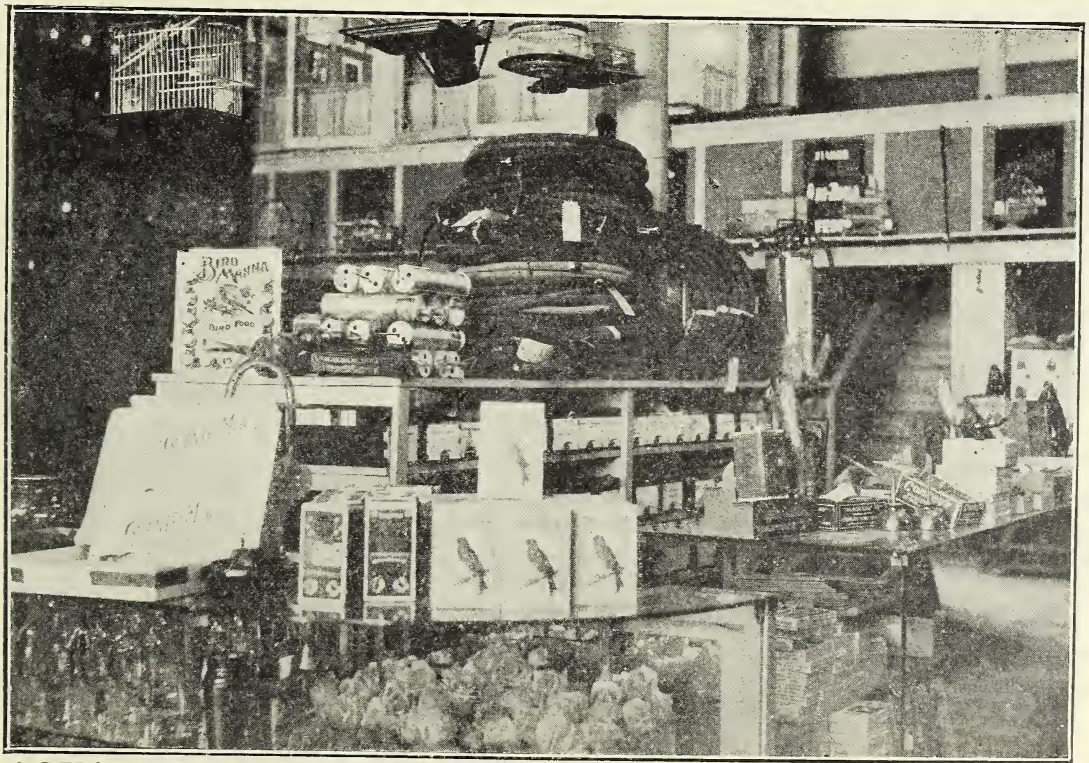
A VIEW OF OUR RETAIL SEED DEPARTMENT—Four 12-foot seed counters, hundreds of mice-proof seed bins and large automatic scales, together with salesmen who are experts in their particular lines, make this Department most complete and up-to-date in every detail.

ARIZONA SEED & FLORAL COMPANY

28-30 South Central Avenue PHOENIX, ARIZONA



OUR BIRD AND PET STOCK DEPARTMENT—We handle hundreds of imported and domestic Canaries, also South American Plumage Birds, Poll Parrots, Dogs, Kittens, Monkeys, Goldfish, etc. If your bird or pet is ailing, our Pet Stock Expert is always willing to solve the problem for you, free of charge. Visitors are always welcome.



A DEPARTMENT DEVOTED TO MANY SIDE LINES—Here our many customers may obtain anything from a package of Bird Seed or a Dog Collar to a length of Garden Hose or a large Spray Pump.

OUR POULTRY DEPARTMENT—This Department is indeed very complete. Here you may procure anything in the poultry line from a 25c package of chicken feed to a large incubator. An expert in charge is always at your service.

A SECTION OF OUR STORAGE ROOM FOR GARDEN SEED—Here our garden seed is stored in a place where the temperature is especially suited to retain the highest germinating vitality and quality. This indicates the care exercised in safeguarding our customers against crop failures.

TO OUR MANY FRIENDS

OUR increasing business and our many new customers who are responding from distant states and Old Mexico, and also from countries as far remote as Egypt are every showing of evidence that we are continually gaining the confidence of the great seed buying public. Our particularly chosen varieties of seed are especially suited to Arizona and are recommended as thoroughly suited to every section of the country.

It is a great satisfaction to know that our customers are convinced of our Honesty of Purpose, and it means that we are each year placed in a better position to render greater service. We are always putting forth every effort to be prompt and courteous and hope we have succeeded in pleasing you to the extent that you will feel we have earned your continued patronage.

We would appreciate your introducing us to your friends and neighbors by requesting us to send them each a catalogue and we assure you that we will do our best to cultivate their friendship, that you may have no regrets over having introduced us.

A Word About Our Organization

Back of our splendid equipment stands our strong organization of Honest and Loyal workers. It is our desire to acknowldege to our friends and customers our indebtedness to our employees for the hearty co-operation they always display. We might add that we have monthly meetings of our employees at which we carry on an educational program and exchange ideas for the betterment of the business. We have, through our medium of education, contributed more to the success of the homesteader and newcomer than any other agency. We have distributed without charge more than 125,000 catalogues containing cultural directions for the Great Southwest. We are constantly bending every effort to be of service to the community and state in which we live, and we want you to personally give us an apportunity to serve you. Ordering merchandise purely on what the other fellow says about it is taking some risk if you are not present to see for yourself. The seller must have the absolute confidence of the buyer and we want the opportunity to establish that confidence with you.

PLANT A GARDEN

Every family should have a garden—A garden is the sure way to reduce the high cost of living. It cuts your grocery bill in half. A garden gives you pleasant and healthful exercise, gives you the spirit of the great outdoors. It saves Doctor's Bills. A well-planned garden will provide fresh vegetables for the table both winter and summer. It will save meat and wheat; it means increased production both on the farms and in the shops. All these point to the fact that more seeds will be planted this Spring than ever before in the History of America. Thousands and thousands of families have been impressed with the economical value of a garden during the past few years. Once you know the value of a garden you will never be without an ample supply of fresh seasonable vegetables.

ORDER EARLY

In conclusion we want to make an appeal for early orders. Our new stocks are ready by January 1st, and if you will send your orders in soon it will relieve the congestion that invariably occurs during March and April. If you will do this we can give your orders more time and personal attention.

We also take this opportunity to thank the thousands of Ranchers, Truck Gardeners, and our numerous city and town customers who are favoring us with their orders. When you come to Phoenix, come in and make yourself known and enjoy the hospitality of our beautiful and up-to-date establishment.

ARIZONA SEED & FLORAL COMPANY,
A. W. LIEFGREEN, *Manager.*

Phoenix, Arizona

Prices in This Catalogue Cancel All Previous Prices and Are Subject to Change Without Notice.

How To Order By Mail

YOUR NAME AND ADDRESS.—Be sure that your name and address are written very plainly on each order. We frequently have orders where either name is not given or address omitted. Also give plainly the R. F. D. number and box or street address. We acknowledge all orders above 25 cents by Post Card, giving the number of your particular order. If such acknowledgement is not received, or if the order does not follow at once, write us about it.

CASH WITH ORDER.—The proper way is to send remittance in full to cover order and postage. Remittance should be made by Post Office Money Order or Express Money Order. For amounts up to $1.00 clean unused Postage Stamps will be accepted. Checks on Phoenix banks may be sent, which will be a great convenience to many customers. We do not accept responsibility for orders which never reach us.

SHIPPING.—We will use our best judgment as to the best way of sending orders when specific directions are not given. On large orders it is better to have them go by express or freight if your town is on a railroad. If special directions in shipping are needed, send them explicitly, and where express or freight office is different from post office so state in space on our order sheet. Paris Green, London Purple and other poisons are not mailable, nor are liquids like Black Leaf 40 and other insecticides; they must go by express or freight. Seeds do not pack well and with nursery stock, they may get damp and become spoiled; it is therefore better to have them shipped separately.

POSTAL RATES.—Rates of Postage on Books, Seeds, Bulbs, Plants, Roots, etc., 8 oz. or less, 1c for each 2 oz.; all over 8 oz., Parcel Post Rates.
WEIGHT LIMIT: First, second and third zones, 70 pounds; over third zone, 50 pounds.

1st zone Up to 50 miles from Phoenix	2nd zone 50 to 150 mi. from Phoenix	3d zone 150 to 300 mi. from Phoenix	4th zone 300 to 600 mi. from Phoenix	5th zone 600 to 1000 mi. from Phoenix	6th zone 1000 to 1400 mi. from Phoenix
1 lb.....5c	1 lb.....5c	1 lb.....6c	1 lb.....7c	1 lb.....8c	1 lb.....9c
2 lb.....6c	2 lb.....6c	2 lb.....8c	2 lb.....11c	2 lb.....14c	2 lb.....17c
For every additional lb. or part of add 1c	For every additional lb. or part of add 1c	For every additional lb. or part of add 2c	For every additional lb. or part of add 4c	For every additional lb. or part of add 6c	For every additional lb. or part of add 8c

SEEDS BY MAIL.—On orders for vegetable and flower seeds except Beans, Corn and Peas we pay postage within the 4th zone limit, but we do not pay postage charges on Onion Sets, Field Seeds, Clovers, Grasses, Bird Seeds, Beans, Corn, Peas, Tools, Plants or Bulbs, *except where the price reads postpaid.* We do not ship plants C. O. D.

GUARANTEE.—Complaints that seeds are not of good germination might quite as often be attributed to other causes than the quality of the Seed. There are many contingencies arising to prevent the best seed giving satisfaction; such as sowing too deeply, too shallow, in too wet or too dry soil, insects may destroy the plants as soon as or before they appear, wet weather, cold weather, frosts, chemical changes in the seed induced by temperature, etc. For these reasons it is impracticable to guarantee seed under all circumstances, therefore the Arizona Seed & Floral Company give no warranty, expressed or implied as to description, quality, productiveness or any other matter of any seeds, bulbs, plants or trees they send out, and they will not be responsible in any way for the crop. If the purchaser does not accept the goods on these terms they are at once to be returned.

Arizona Seed & Floral Company,
A. W. Liefgreen, Mgr.

PLANTING CHART

Kind of Vegetable	Seeds or Roots Required for 100 feet of Drill	One Acre	Distances for Plants to Stand			Depth of Planting	Ready for Use After Planting—About
			Rows Apart		Plants Apart in Rows		
			Horse Cultivation	Hand Cultivation			
Asparagus, seed	1 ounce	5 lbs.	30 to 36 in.	1 to 2 ft.	3 in.	1 in.	2 years
roots	60 to 80 roots.		3 to 5 ft.	12 to 24 in.	15 to 20 in.	3 to 5 in.	1 year
Beans, dwarf	1¼ lbs.	80 to 125 lbs.	30 to 36 in.	18 to 24 in.	2 in.	1 to 3 in.	42 to 75 days
Beans, pole	½ lb.	40 lbs.	3 to 4 ft.	3 to 4 ft.	12 in.	1 to 3 in.	72 to 90 days
Beets	2 ounces	6 lbs.	28 to 36 in.	12 to 18 in.	2 in.	1 in.	45 to 60 days
Brussels Sprouts	3 pkts.	2 ounces	30 to 36 in.	24 to 30 in.	16 to 24 in.	½ in.	100 to 120 days
Cabbage, early	3 pkts.	½ lb.	30 to 36 in.	24 to 30 in.	12 to 18 in.	½ in.	90 to 110 days
late	3 pkts.	½ lb.	30 to 40 in.	24 to 36 in.	16 to 24 in.	½ in.	110 to 120 days
Carrot	1 ounce	4 lbs.	30 to 36 in.	18 to 24 in.	2 in.	½ in.	55 to 80 days
Cauliflower	3 pkts.	1 ounce	30 to 36 in.	24 to 30 in.	14 to 18 in.	½ in.	120 to 150 days
Collards	3 pkts.	¼ lb.	30 to 36 in.	24 to 30 in.	14 to 18 in.	½ in.	100 to 120 days
Corn, sweet	½ lb.	10 lbs.	36 to 42 in.	30 to 36 in.	18 in.	1 in.	55 to 90 days
Cress, water	4 pkts.		Broadcast			Under water.	60 to 70 days
Cucumber	½ ounce	2 lbs.	4 to 6 ft.	4 to 6 ft.	4 every 3 ft.	1 in.	50 to 70 days
Eggplant	2 pkts.	¼ lb.	30 to 36 in.	24 to 30 in.	18 in.	½ in.	125 to 140 days
Endive	1 ounce	2 lbs.	30 in.	18 in.	12 in.	½ in.	100 days
Horse Radish	70 roots		30 to 40 in.	24 to 30 in.	20 in.	3 to 4 in.	1 year
Kale, or Borecole	3 pkts.	1 lb.	30 to 36 in.	18 to 24 in.	18 in.	½ in.	55 to 60 days
Kohl-rabi	3 pkts.	1 lb.	30 to 36 in.	18 to 24 in.	6 in.	½ in.	55 to 70 days
Leek	½ ounce	4 lbs.	30 to 36 in.	14 to 20 in.	4 in.	½ in.	120 to 150 days
Lettuce	½ ounce	3 lbs.	30 in.	12 to 18 in.	6 in.	½ in.	70 to 90 days
Muskmelon	½ ounce	2 lbs.	6 to 8 ft.	6 to 8 ft.	4 every 4 ft.	1 in.	85 to 150 days
Watermelon	1 ounce	3 lbs.	8 to 12 ft.	8 to 12 ft.	4 every 6 ft.	1 in.	100 to 130 days
Mustard	3 pkts.	1 lb.	30 to 36 in.	12 to 18 in.	4 or 5 to ft.	¼ in.	60 to 90 days
New Zealand Spinach	1 ounce	8 lbs.	36 in.	24 to 36 in.	12 in.	1 to 2 in.	60 to 100 days
Okra	2 ounces	8 lbs.	4 to 5 ft.	3 to 4 ft.	24 in.	1 in.	90 to 140 days
Onion, seed	1 ounce	3 lbs.	24 to 36 in.	12 to 18 in.	2 in.	½ in.	125 to 150 days
Onion, sets	1 qt. of sets.	50 lbs.	24 to 36 in.	12 to 18 in.	4 or 5 to ft.	1 in.	100 days
Parsley	3 pkts.	3 lbs.	24 to 36 in.	12 to 18 in.	3 in.	1-8 in.	65 to 90 days
Parsnip	½ ounce	3 lbs.	30 to 36 in.	18 to 24 in.	2 in.	½ in.	130 days
Peas	1 lb.	60 lbs.	3 to 4 ft.	30 to 36 in.	1 in.	1 in.	45 to 75 days
Pepper	2 pkts.	2 ounces	30 to 36 in.	18 to 24 in.	15 in.	½ in.	130 to 150 days
Potatoes, Irish	5 lbs.	16 bu.	30 to 36 in.	24 to 36 in.	14 in.	4 in.	90 to 150 days
Sweet	3 lbs. (or 75 slips)		3 to 5 ft.	3 to 5 ft.	14 in.	3 in.	150 days
Pumpkin	½ ounce	4 lbs.	8 to 12 ft.	8 to 12 ft.	4 every 6 ft.	1 in.	75 to 90 days
Radish	1 ounce	10 lbs.	24 to 36 in.	12 to 18 in.	1 in.	½ in.	20 to 75 days
Rhubarb, seed	½ ounce		36 in.	30 to 36 in.	6 in.	½ to 1 in.	3 years
roots	33 roots		3 to 5 ft.	3 to 5 ft.	3 ft.	2 to 3 in.	1 year
Ruta-baga	3 pkts.	2 lbs.	30 to 36 in.	18 to 24 in.	6 in.	½ to 1 in.	90 days
Salsify	1 ounce	8 lbs.	30 to 36 in.	18 to 24 in.	2 in.	½ in.	150 days
Spinach	1 ounce	8 lbs., sown Broadcast 30 lbs.	30 to 36 in.	12 to 18 in.	2 in.	1 in.	45 days is min.
Squash, Summer	½ ounce	4 lbs.	3 to 4 ft.	3 to 4 ft.	4 every 4 ft.	1 in.	65 to 70 days
Tomato	2 pkts.	1½ ounces	3 to 5 ft.	3 to 4 ft.	3 to 4 ft.	½ in.	125 to 150 days
Turnip	1 ounce	1 lb. sown Broadcast 3 lbs.	24 to 36 in.	18 to 24 in.	2 in.	¼ in.	45 to 90 days

NUMBER OF PLANTS TO AN ACRE

SET AT REGULAR DISTANCES APART

Distance apart	No. Plants	Distance apart	No. Plants	Distance apart	No. Plants
3 in. by 4 in.	522,720	3 ft. by 3 ft.	4,840	5 ft. by 5 ft.	1,742
4 in. by 4 in.	392,040	3½ ft. by 3½ ft.	3,555	5½ ft. by 5½ ft.	1,440
6 in. by 6 in.	174,240	4 ft. by 1 ft.	10,890	6 ft. by 6 ft.	1,200
1 ft. by 1 ft.	43,560	4 ft. by 2 ft.	3,630	6½ ft. by 6½ ft.	1,031
1½ ft. by 1½ ft.	19,360	4 ft. by 4 ft.	2,722	7 ft. by 7 ft.	888
2 ft. by 1 ft.	21,780	4½ ft. by 4½ ft.	2,150	8 ft. by 8 ft.	680
2 ft. by 2 ft.	10,890	5 ft. by 1 ft.	8,712	9 ft. by 9 ft.	537
2½ ft. by 2½ ft.	6,960	5 ft. by 2 ft.	4,356	10 ft. by 10 ft.	435
3 ft. by 1 ft.	14,520	5 ft. by 3 ft.	3,904	11 ft. by 11 ft.	360
3 ft. by 2 ft.	7,260	5 ft. by 4 ft.	2,178	12 ft. by 12 ft.	302

RULE—Multiply the distance in feet between the rows by the distance the plants are apart in the rows, and the product will be the number of square feet for each plant or hill; which divided into the number of square feet (43,560), will give the number of plants to the acre.

(For Incubators & Brooders . . . . see pages 76 and 77)

BUY THE BEST—WE DO

FLORAL DEPARTMENT

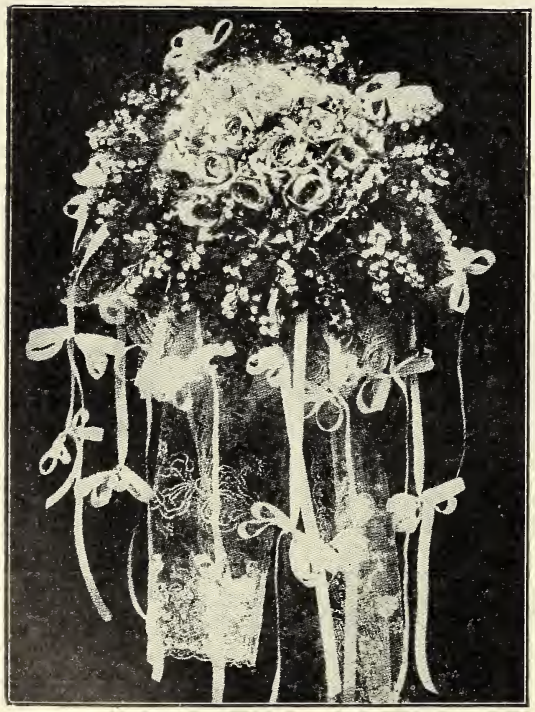
WE ARE MEMBERS OF THE "FLORIST'S TELEGRAPH DELIVERY ASSN."

Through this connection with the best florists all over the United States we can arrange to have flowers delivered at any time in any city in the country. We are always glad to quote you prices of flowers for weddings or for any special occasion. Our Floral Department is in charge of experts who have made a lifelong study of the Floral Business, and we offer you the benefit of their experience, through the medium of this catalogue. Our Floral Department has gained great popularity by rendering Honest and Efficient Service and furnishing flowers and floral merchandise of the highest quality. Your orders by mail receive just as careful attention as though you were making the selection personally.

When ordering always state the exact amount you wish to pay and we will fill your orders to full value with select blooms.

Rush orders should be telephoned or telegraphed in, giving us as much time as possible for filling them. In ordering state definitely when they must reach destination.

CUT FLOWERS vary in price in accordance with the season, length of stem, etc. During the Holiday seasons, such as Christmas, New Year's, Easter and Thanksgiving, flowers are very much in demand and therefore advance in price accordingly.



ROSES, American Beauty, May to November 1st—$1.50 to $3.00 per doz.
ROSES, White, Red, Pink and Yellow—$2.00 to $10.00 per doz.
CARNATIONS, Lath House Grown—$1.00 to $2.00 per doz.
CARNATIONS, Hot House Grown—$1.50 to $3.00 per doz.
CHRYSANTHEMUMS in season — $2.50 to $10.00 per doz.
CALLA LILIES—$2.00 to $5.00 per doz.
EASTER LILIES, Cut—$3.00 to $8.00 per doz.
SWEET PEAS—50c to $1.00 per bunch.
VIOLETS—35c to 50c per bunch.
CORNFLOWERS—50c to 75c per bunch.

CALENDULAS—50c to 75c per bunch.
YELLOW DAISIES—50c to 75c per bunch.
SHASTA DAISIES—75c to $1.00 per doz.
JONQUILS—75c to $1.50 per doz.

Boxes of Assorted Flowers—$1.50 to $10 each.
Baskets, beautifully arranged with flowers—from $2.50 to $25.00 each.
Corsage Bouquets—from $2.00 up.

During the Fall, Winter and Spring months, and especially for Christmas, we can furnish a large assortment of Blooming Plants, such as Cyclamen, Poinsettias, Lilies, etc. Also beautiful Ferns. Plants range in price, according to size, from $2.00 to $10.00 each.

Flowers for Commencements, Store Openings, Etc.

Baskets of Choice Flowers, from $3.00 up to $25.00.
Bouquets, artistically arranged, from $2.00 up.
Good Luck Horse Shoes, from $3.50 up.
All of the above we make up in individual styles.

For Weddings

BRIDAL BOUQUETS of Carnations or Roses, from $3.00 up.
BRIDAL BOUQUETS of Choice Flowers such as Lilies of the Valley or Orchids, from $8.00 up.

Funeral Designs and Sprays

Carnations in Spray, $3.00 and up, according to size.
Roses in Spray, $5.00 and up, according to size.
Anchor, Cross, Crescent, Wreath, Heart, Harp, Pillow, from $5.00 up, according to size.
Gates Ajar, Broken Column, Broken Wheel, from $10.00 up.
Lodge Designs, from $5.00 up.

BUY THE BEST—WE DO

SEE PAGE 43
FOR FIELD BEANS

ASPARAGUS—Esparrago

Use one ounce to 60 ft. of row, 5 lbs. to the acre.

CULTURAL DIRECTIONS

Sow during February and March in beds broadcasted or in rows, covering about one inch. A light straw mulch on the surface will prevent soil from crusting. Seed should be soaked 24 hours before sowing. The following January or February transplant to rows three or four feet apart and one foot apart in the rows, with at least six inches of soil over the roots; light loamy soil is preferable. Much time and labor will be saved by planting two-year-old roots. See page 36.

PALMETTO—An early and productive sort, throwing light green shoots, slightly tinted pink. This variety is very popular among market gardeners. We can supply roots of these about January 15th, and later.

Seed, (Pkt. 10c), (oz. 20c), (¼ lb. 45c), (lb. $1.25), postpaid.

Absolutely the best variety for Arizona conditions.

ARTICHOKE—Alcachofa

GREEN GLOBE—Grown for the undeveloped flower heads, which are cooked like asparagus. When once planted it lasts several years. Seed should be sown in frames and plants transplanted to the open when large enough.

Seed, (Pkt. 10c), (oz. $1.20), postpaid.

BEANS—Frijole

CULTURAL DIRECTIONS

Beans require well drained loamy soil and frequent cultivation. Use manure sparingly as it has a tendency to run the plants to too much vine. Irrigate beans only when necessary and do not flood the vines. Cultivate before the soil has a chance to crust. For a Spring crop plant in late February, March and early April. For Fall crop plant in August and early September. Bush beans should be planted about three inches apart in three-foot rows at the rate of one lb. to 80 ft. of row and from 100 to 125 lbs. per acre. Plant pole beans at the rate of one lb. to 200 ft. of row or 40 lbs. to the acre. We list herein only varieties that are strictly adapted to our climatic conditions. For mildew on beans use powdered sulphur. (See page 71 for Insecticides).

BUSH VARIETIES

IMPROVED STRINGLESS GREEN POD—This is by far the leading green pod variety, possessing the invaluable quality of bearing pods without strings or threads. Our stock is particularly adapted to Arizona conditions and is a wonderful producer.
(Pkt. 5c), (½ lb. 25c), (1 lb. 40c), (10 lbs. $3.50), postpaid.

BLACK WAX—A very popular variety for the home garden, being one of the earliest and bearing round meaty pods of deep golden yellow. It is almost entirely stringless and carries the excellent flavor for which all wax beans are noted. (Pkt. 5c), (½ lb. 25c), (lb. 40c), (10 lbs. $3.50), postpaid.

IMPROVED GOLDEN WAX—Although this is not the earliest dwarf bean it is a sure and heavy cropper. The quality is good, it being entirely without strings or fibres at all stages until maturity. Pods are of rich golden yellow.

(Pkt. 5c), (½ lb. 25c), (lb. 40c), (10 lbs. $3.50), postpaid.

LIMA BEANS

BURPEE'S BUSH LIMA—Large seeded and very early maturing. (Pkt. 10c), (½ lb. 25c), (lb. 45c), (10 lbs. $3.50), postpaid.

LARGE LIMA—A pole variety, large seeded, bearing usually three to four beans in a pod.
(Pkt. 10c), (lb. 50c), (10 lbs. $3.50), postpaid.

AZTEC BEANS—First discovered in the old Aztec ruins of Arizona. It is very large, somewhat resembling a Lima, except that it is round. The Aztec is at home in arid sections and produces enormous crops of fine plump beans that may be either shelled green and cooked or cooked dry. Owing to the limited supply we can offer them only in small quantities.
(Pkt. 10c), (lb. $1.00), postpaid.

IMPROVED STRINGLESS GREEN POD

POLE BEANS

Plant three to four feet apart each way.

KENTUCKY WONDER—This large green pod bean should be planted as early as possible in the Spring and again the latter part of July, and to August 15th. The Fall crop does remarkably well if staked. (Pkt. 5c), (½ lb. 25c), (lb. 40c), (10 lbs. $3.50), postpaid.

KENTUCKY WONDER WAX—Very similar to the green pod. Prolific and of good quality. Plant during June and July in Southern climates. (Pkt. 5c), (½ lb. 25c), (lb. 40c), (10 lbs. $3.50), postpaid.

BROAD WINDSOR—The celebrated Broad Bean of England, growing on a strong stalk two feet high; beans eaten shelled.

(Lb. 30c), (10 lbs. $2.50), postpaid.

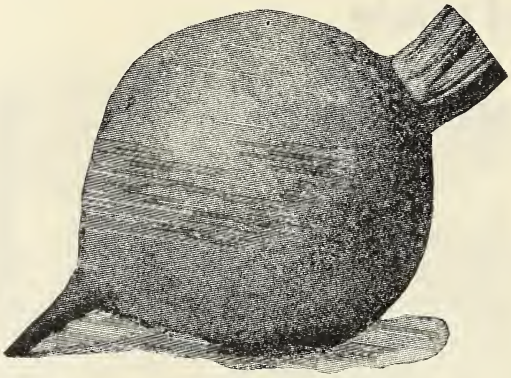
Inoculate your Beans with Mulford Culture. See page 38)

BEET—Betabel-o-Remolacha

CULTURE

In the small garden beets may be grown in rows 12 inches apart, in the field 18 to 24 inches. They may be planted from August 1 to June 1. One ounce of seed will sow 50 feet of row and six or seven pounds are required for an acre. If the soil is in perfect condition beet seed will germinate readily, but they should not be planted in wet, soggy ground in the Winter time.

Frequent cultivation is necessary for rapid and tender growth. While it is true beets will endure considerable drouth and neglect, growing under these conditions they become woody and ill shaped, particularly in our heavy adobe soil. Keep them well cultivated and they will produce table size beets in 65 to 70 days.



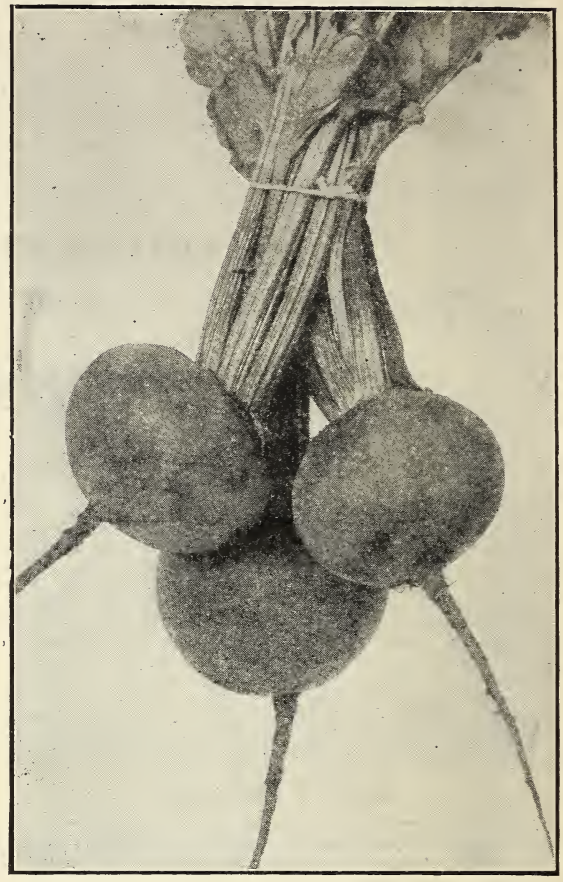
BEET — ECLIPSE

ECLIPSE—Not quite as early as the Egyptian. It is nearly round and has a small top. The flesh is of a bright red color, very fine grained, tender and sweet. **(Pkt. 5c), (oz. 20c), (¼ lb. 45c), (lb. $1.25),** postpaid.

CROSBY'S EGYPTIAN—A medium sized beet, very early and of small top. It is a globe variety of deep crimson, sweet and tender. We recommend it highly for market gardeners or home garden. **(Pkt. 5c), (oz. 20c), (¼ lb. 45c), (lb. $1.25),** postpaid.

SWISS CHARD

(Iron Age Seeders and Cultivators will save you both time and money. See page 66)



BEET — CROSBY'S EGYPTIAN

EXTRA EARLY EGYPTIAN—An early dark red flat variety, which we recommend for late Spring and Summer planting, it having been thoroughly demonstrated by Salt River Valley market gardeners that it is far superior to any other for planting at this time. **(Pkt. 5c), (oz. 20c), (¼ lb. 45c), (lb. $1.25),** postpaid.

EARLY BLOOD TURNIP—One of the early sorts; turnip shaped, dark red and of medium size. **(Pkt. 5c), (oz. 20c), (¼ lb. 45c), (lb. $1.25),** postpaid.

DETROIT DARK RED—One of the best for home or market garden use. Medium sized, globular or nearly round, with a fine grained, dark red flesh. **(Pkt. 5c), (oz. 20c), (¼ lb. 50c), (lb. $1.50),** postpaid.

LONG BLOOD—A splendid variety for sandy soil, but should be avoided if soil is heavy as it is almost impossible to harvest them. Flesh is very dark red and beet long, symmetrical shape. **(Pkt. 5c), (oz. 20c), (¼ lb. 45c), (lb. $1.25),** postpaid.

SWISS CHARD—A foliage beet used for greens. Cook the leaves as you do Spinach and the stems in cream like Asparagus. You will find it delicious. Excellent for green feed for poultry. It may be cut above the crown and will come again. **(Pkt. 5c), (oz. 20c), (¼ lb. 45c), (lb. $1.50),** postpaid.

STOCK BEETS FOR FEEDING

STOCK BEETS have for years been recognized as a most valuable feed for hogs, sheep and cattle, throughout Europe, Canada and also the Eastern and Middle Western States of America.

Stock Beets are one of the finest fat and milk-producing crops we have today and when fed in conjunction with grain they are worth nearly as much, pound for pound, as the grain itself.

Stock Beets also furnish excellent feed for chickens and rabbits.

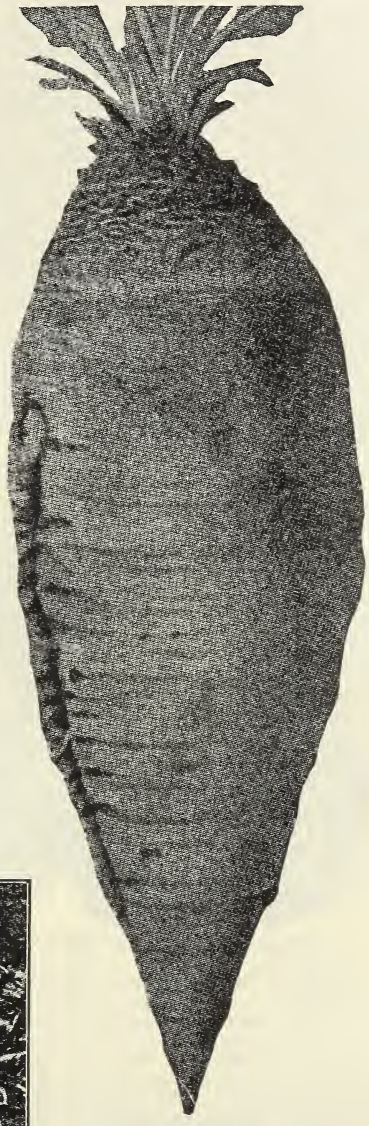
PRODUCTION AND COSTS

The average production of Stock Beets at our trial grounds was 35 tons per acre. This is not exceptional—80 tons per acre has been reported.

CULTURE

STOCK BEET SEED should be sown about one inch deep, in well cultivated soil in drills eighteen inches to three feet apart (depending upon the method of cultivation). When the plants are sufficiently large, thin out to stand ten to twelve inches apart in the rows. The seed is generally sown at the rate of eight to ten pounds per acre. Beet Seed is very hard and does not germinate as easily as other seeds, therefore the soil should be very moist at the time the seed is planted. If the soil should be dry it is advisable to soak the seed in lukewarm water for 24 hours before planting.

MAMMOTH LONG RED—A very large mangel and a heavy cropper. Skin is red, flesh white, zoned with red. This is the most popular variety grown. **(Pkt. 5c), (oz. 15c), (lb. 70c), 10 lbs. $6.50),** postpaid.



STOCK BEET
Mammoth Long Red

STOCK BEETS—FIELD SCENE

GOLDEN TANKARD—A large yellow sort growing about half out of the ground. **(Pkt. 5c), (oz. 15c), (lb. 70c), 10 lbs. $6.50),** postpaid.

GIANT HALF SUGAR ROSE—We have seen specimens of this variety in the Salt River Valley weighing 45 pounds, and have heard of them weighing 70 pounds. **(Pkt. 5c), (oz. 15c), lb. 70c), (10 lbs. $6.50),** postpaid.

WHITE KLEIN WANZLEBEN—Without a doubt the best sugar beet in cultivation. Not the largest in size, but the richest in saccharine. It will fatten hogs as quickly as grain. **(Pkt. 5c), (oz. 15c), (lb. $1.00), (10 lbs. $9.00),** postpaid.

For satisfactory results use Gromore Fertilizer. . . . . See page 72)

CABBAGE—Col-Repollo

CULTURE

Well knowing the first essential of successful Cabbage growing to be good seed, we are giving it our undivided attention and the results have been most gratifying. The seed we offer is of the most highly selected strains and will produce wonderfully tender, crisp cabbage.

In the southern valleys of Arizona seed should be sown the latter part of August and during September in shaded beds, the shade to be of burlap or something that may be removed before plants become spindling. For small heading varieties, such as Early Winningstadt and Jersey Wakefield, plant in rows three feet apart and 18 inches apart in the row. Begin transplanting as soon as plants are large enough and cultivate constantly.

One-half pound of seed should be planted to grow plants for one acre.

The illustrations appearing on these pages are from actual photographs taken of seed field specimens.

CABBAGE—EARLY WINNINGSTADT

EARLY WINNINGSTADT—One of the best for general use, being a medium sized head, very solid and of uniform shape. It is the leading variety for Southern Arizona, and our strain of seed is selected from a sure-heading type. **(Pkt. 5c), (oz. 40c), (¼ lb. $1.35), (lb. $4.00),** postpaid.

SLUIS BROTHERS NO. 2—This variety matures between the Copenhagen Market and the Winningstadt. It is round headed, gets larger than the Copenhagen and does not crack easily. It has done splendidly under dry weather conditions, developing perfect heads. We recommend it for both early and late. The heads are very solid and will keep almost as well as those of the Danish Winter Cabbage. We are convinced that this new introduction of ours will find its way very quickly. We were fortunate in securing a few pounds of Holland-grown seed and would recommend a trial of at least a small quantity. **(Pkt. 10c), (oz. 60c), (¼ lb. $2.00), (lb. $6.00),** postpaid.

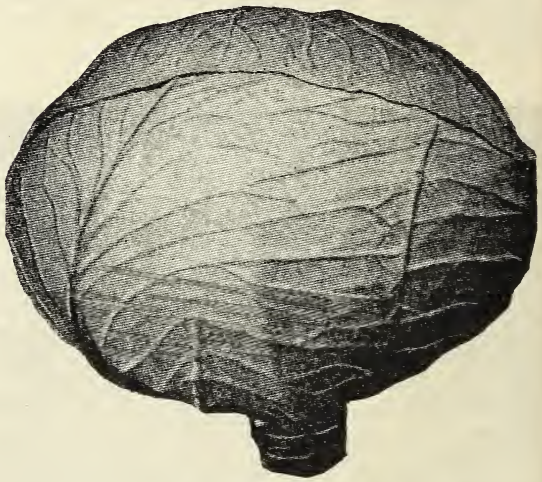
EARLY JERSEY WAKEFIELD—Slightly larger than the Winningstadt, heads conical shape and very compact. A good second early variety. **(Pkt. 5c), (oz. 25c), (¼ lb. $1.20), (lb. $3.50),** Postpaid.

EARLY FLAT DUTCH—Very hardy, handsome, solid and of fine quality; particularly desirable for shipping to distant market. **(Pkt. 5c), (oz. 45c), (¼ lb. $1.40), (lb. $4.25),** postpaid.

ALL HEAD EARLY

ALL HEAD EARLY—A thoroughbred sort of remarkable uniform size and shape, and sureheading qualities. Deep flat heads, solid and uniform in color, and in tenderness unsurpassed. By reason of its compactness one thousand more heads can be obtained from one acre than of any other good-sized varieties. **(Pkt. 5c), (oz. 40c), (¼ lb. $1.35), (lb. $4.00),** postpaid.

RED DUTCH—Fine solid, dark red heads, used for boiling or pickling. This variety carries a flavor all its own. **(Pkt. 10c), (oz. 50c), (¼ lb. $1.65), (lb. $5.00),** postpaid.



DANISH BALLHEAD—Cactus Brand

DANISH BALLHEAD—A medium sized very solid variety which will remain in good condition longer than most sorts. It is one of the hardiest Winter cabbages we have. Being a very strong grower, it demands a reasonably rich soil and will respond readily to fertilizer. We cannot recommend Cactus Brand Danish Ballhead too highly. **(Pkt. 10c), (oz. 50c), (¼ lb. $1.65), (lb. $5.00),** postpaid.

LATE LARGE FLAT DUTCH—A large flat head with a few useless outer leaves. Cuts white and crisp. Grows low with a very short stem. **(Pkt. 5c), (oz. 45c), (¼ lb. $1.65), (lb. $4.25,** postpaid.

(See page 35 for Cabbage and Cauliflower Plants)

CABBAGE—Col-Repollo

A FIELD SCENE OF CACTUS BRAND COPENHAGEN MARKET CABBAGE

CACTUS BRAND COPENHAGEN MARKET

IS ONE OF THE EARLIEST ROUND HEADED CABBAGES

It is only a few days later than the Jersey Wakefield and the yield is much higher. The spherical heads reach, even with very small growing space, an average weight of about nine pounds. The stem is low, the leaves, in relation to the size of the head, are very small and fine. One great feature about Cactus Brand Copenhagen Market is that about 95 per cent of the heads are suitable for cutting at the same time so that the land may be cleared almost completely at one cutting. Under favorable growing conditions this Cabbage will mature in 12 to 15 weeks from time of transplanting and it is gradually becoming a favorite among gardeners and shippers.

Arizona climatic conditions are unsettled. During the Cabbage season we may have a great variety of weather within a week and it takes a hardy strain of seed to produce a plant that will be a success under these conditions. Cactus Brand Copenhagen Market will prove hardy under arid climatic conditions and will produce a crop. (Pkt. 10c), (oz. 50c), ¼ lb. $1.65), (lb. $5.00), postpaid.

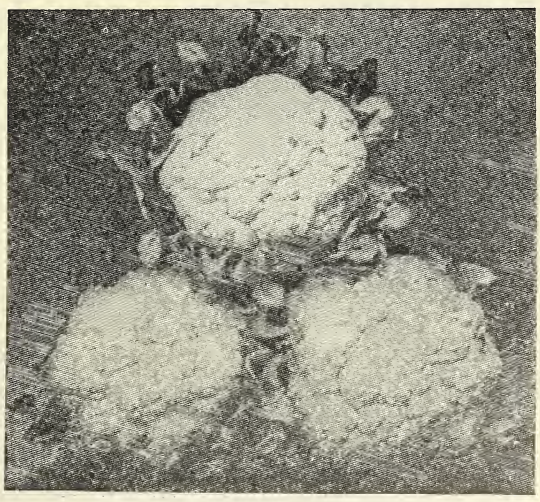
CAULIFLOWER—Coliflor

ASK FOR OUR SPECIAL PAMPHLET

Especially popular as a winter crop and with market gardeners proves a profitable crop, owing to the scarcity of good market vegetables when Cauliflower is at its best. It is easy to grow in the garden, providing the soil is made rich and porous. Plant seed the latter part of July and during August and September in Southern Arizona. In the higher altitudes plant the same as cabbage. Set in rows 24 inches apart and 14 inches apart in the row.

HENDERSON'S EARLY SNOWBALL—A medium sized early variety. Heads are pure white and well protected by outer leaves. (Pkt. 25c), (¼ oz. $1.50), (oz. $4.50), (¼ lb. $15.00), (½ lb. $22.50), (lb. $45.00), postpaid.

LARGE PEARL—Heads much larger than Snowball and a trifle later. Planted at the same time a second crop is ready for market when the Snowball is gone. (Pkt. 10c), (¼ oz. 65c), (oz. $2.00), (¼ lb. $6.65), postpaid.



HENDERSON'S SNOWBALL

(Ask for free circular on Cabbage and Cauliflower)

CHINESE CABBAGE

CHINESE CABBAGE

Grow the same as you do lettuce—transplant to 10 inches apart in rows 12 inches apart.

One trial of this wonderful little cabbage will convince the grower that he has been missing something in the vegetable line. It is tender, crisp, blanches itself and is equally good raw or cooked. **(Pkt. 10c), (oz. 40c), (¼ lb. $1.25), (lb. $3.75),** postpaid.

COLLARDS—Col

An old time vegetable used for greens and green chicken feed. In Southern Arizona may be planted in Spring or Fall.

TRUE GEORGIA—(Pkt. 10c), (oz. 20c), (¼ lb. 65c), (lb. $2.00), postpaid.

CRESS or PEPPER GRASS

Sow thickly in shallow drills during February, March, September and October. Used for salads and for garnishing. **(Pkt. 10c), (oz. 20c), (¼ lb. 50c),** postpaid.

WATER CRESS—Sow the seed in cool, moist soil or near shallow running water. **(Pkt. 10c), (oz. 60c), (¼ lb. $2.00),** postpaid.

BRUSSELS SPROUTS
Berza de Bruselas

Seed should be sown the latter part of July in a shaded bed and transplanted, when large enough, to rows three feet apart and 18 inches apart in the row. If lice appear spray with a solution of Black Leaf 40 and fish oil soap.

TRUE IMPORTED—Produces on the stem compact sprouts resembling miniature cabbages. A delicious vegetable **(Pkt. 10c), (oz. 40c), (¼ lb. $1.35), lb. $4.00),** postpaid.

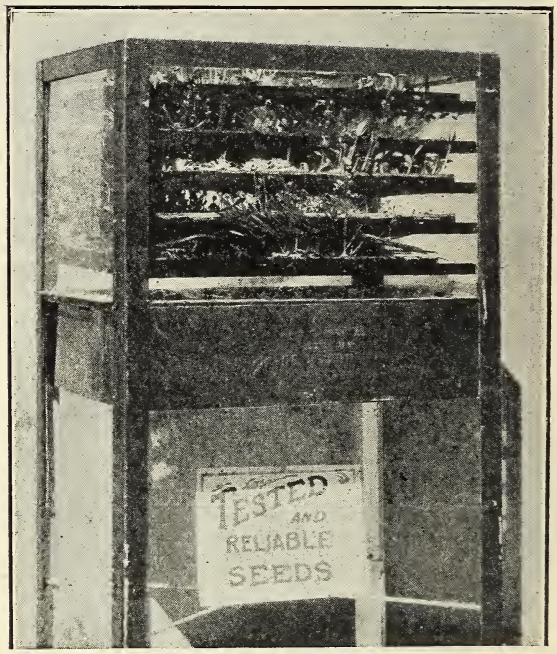
CELERY Apio

(1 oz. to 3,000 plants or 200 feet of drill)

Sow the seed from January 1 to April 1, in drills 6 inches apart, not too thick in the row, to secure stalky plants. When the plants are strong, transplant to furrows four feet apart and 6 inches deep. Set the plants 6 inches apart in the furrows. As the plant grows, fill the earth toward the plant to secure proper bleaching. Never allow dirt to rest in the heart of the plant. Never work in Celery when it is wet with rain.

GOLDEN SELF-BLANCHING—(French grown)—This is the variety being planted this Fall in the Salt River Valley. The very handsome color of the crisp, heavy stalks, their freedom from stringiness, and excellent flavor make this a market favorite. **(Pkt. 10c), (oz. $1.50), (¼ lb. $5.00), (lb. $15.00),** postpaid.

GIANT PASCAL—Grown to some extent in the Salt River Valley, more particularly for the home market, for it is considered too crisp for shipping. The stalks are large, thick, solid and very brittle. **(Pkt. 10c), (oz. 35c), (¼ lb. $1.20), (lb. $3.50),** postpaid.



The above illustration shows one of our methods of testing all garden and field seeds.

SEED TESTING

To insure our customers as much as possible from purchasing seed of low vitality, we are constantly testing various varieties of seeds—both field and garden—using for the purpose modern electric testing and germinating machines. As a result of our efforts along this line, we are in a position to detect inferior goods and eliminate the seed from our stock. Any seed failing to meet the requirements and which we have reason to believe would not give entire satisfaction, are immediately removed from stock and not offered to our customers. We believe that work of this nature is worth while and when we consider we are here to give value received and cannot do so unless we put out high quality seeds, we figure that this work is more than justified, and, in the long run, we are more than repaid, for it means "satisfied customers."

(See page 46 for Lawn Grass Seed)

CARROT—Zanahoria

The Carrot is one of the most wholesome and nutritious of our garden roots and it may be prepared in many appetizing ways. There is probably no root crop that will produce as much food on the same amount of land as the Carrot. In Southern valleys they may be left in the ground all Winter. Our Cactus Brand Carrot seeds are great producers under arid conditions. Plant plenty of them.

IMPROVED CHANTENAY

CULTURE

The Carrot is very easily grown, being perfectly hardy in all temperatures which come to Southern Arizona. Seed should be sown from September to May in drills 10 inches apart on ridges. It requires four pounds of seed for an acre or one ounce to 100 feet of drill. They are ready for table use in eight to ten weeks after planting, and remain good for three to four months. We especially recommend the Improved Chantenay Carrot for the family garden.

Sow in drills 15 to 18 inches apart, covering the seed one-half inch deep. Keep clean by frequent hoeing and weeding. If neglected, the young plants are easily smothered.

DANVERS HALF LONG—The best for general crop, will yield the most per acre. Most profitable for market gardeners. This variety originated in Massachusetts, where the raising of carrots is made a special business. On account of its productiveness and adaptability to all classes of soils it is now the most popular carrot grown. Tops are medium size, roots deep orange, large but of medium length, tapering unifromly to a blunt point. Smooth and handsome flesh, sweet, crisp and tender. **(Pkt. 5c), (oz. 20c), (¼ lb. 45c), (lb. $1.25),** postpaid.

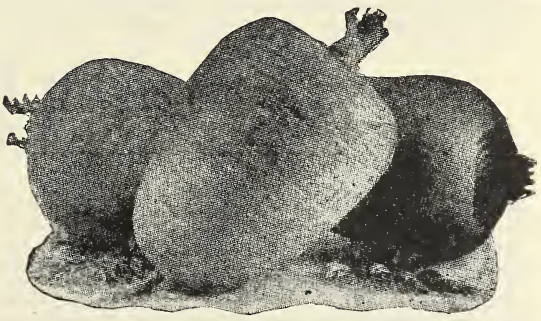
WHITE BELGIAN—Purely a stock variety, growing to enormous size; flesh and skin white and very sweet; a yield of 15 to 20 tons to the acre is not unusual. The crop is easily gathered and makes a splendid food for Rabbits, Cattle, Horses and Hogs. **(Pkt. 5c), (oz. 15c), (¼ lb. 40c), (lb. $1.00),** postpaid.

OX HEART—Beautiful shape and color. The roots generally attain four or five inches in length. Very tender and sweet. **(Pkt. 5c), (oz. 20c), (¼ lb. 40c), (lb. $1.25),** postpaid.

(See pages 37 and 45 for FIELD SEEDS)

CHANTENAY—Flesh a deep golden orange, roots smooth and very symmetrical. In size it ranks as intermediate between the Danvers and Ox Heart. It is very early and always produces smooth, shapely roots. Its fine appearance finds for it a ready market, its splendid table qualities keep it in demand. **(Pkt. 5c), (oz. 20c), (¼ lb. 45c), (lb. $1.25),** postpaid.

IMPROVED LONG ORANGE—The roots grow uniform and smooth, of large size and deep rich orange color. A good keeper, of fine quality for table use and excellent for stock. **(Pkt. 5c), (oz. 20c), (¼ lb. 40c), (lb. $1.25),** postpaid.



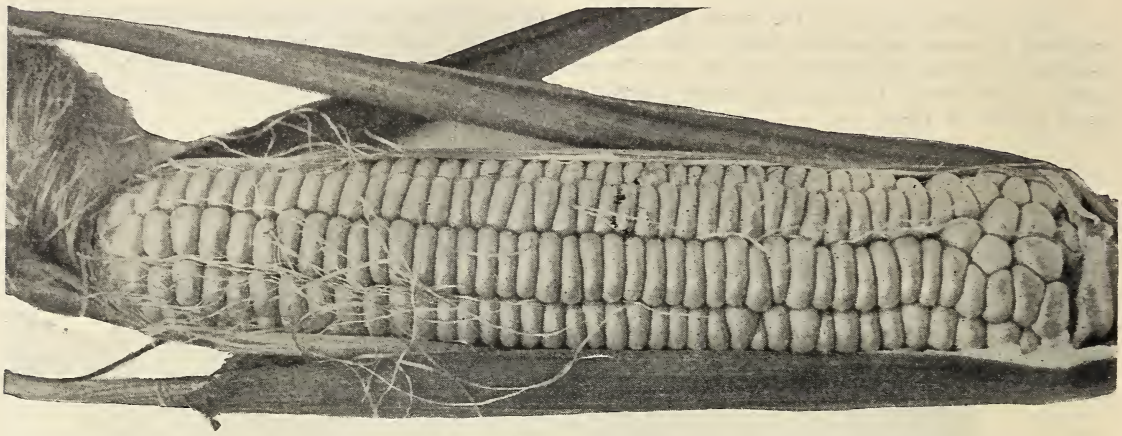
OX HEART CARROT

CELERIAC

or TURNIP ROOTED CELERY

LARGE, SMOOTH PRAGUE—A large celery root used for flavoring soups. **(Pkt. 10c), (oz. 35c), (¼ lb. $1.20), (lb. $3.50),** postpaid.

SWEET CORN—Maiz Dulce



EARLY ADAMS

CULTURE

Sweet Corn should be planted in the Spring, when all danger of frost is over and when the ground is warm enough to prevent the seed from decaying. Yellow Dent, Sacaton June and Hickory King may be planted in July as well, and Sweet Corn in August and early September. One pound of seed will plant about 200 feet of row and about 10 pounds is required for one acre.

Plant in hills 18 inches apart, with rows three feet apart. Plant four or five seed to the hill, but do not allow more than two stalks to stand, and remove all side shoots. Cultivate after each irrigation until corn shades the ground; this is very important. Irrigation should be governed largely by the texture of the soil, but never allow the soil to become dry.

All varieties listed here are successfully grown in Arizona. For larger quantities than found listed, write for special prices. For Corn Worm, we recommend dusting with Arsenate of Lead; (see page 71).

ADAMS EXTRA EARLY—Not a sugar corn, but one that is planted extensively by market gardeners. We have reports of it having reached the marketing stage in 52 days. **(Pkt. 5c), (lb. 25c), 10 lbs. $2.00)**, postpaid.

COUNTRY GENTLEMAN—An old standard variety of very fine quality. Kernels are deep and ear is somewhat smaller than most sweet corns. Matures in about ten weeks. Plant in March and July. **(Pkt. 5c), (lb. 40c), (10 lbs. $3.50)**, postpaid.

PAPAGO CORN

PAPAGO—We consider Papago Corn one of the best sweet corns for the arid Southwest. It produces a long, slender ear of the finest flavor. It is drought resistant and an ideal corn for dry land districts. **(Pkt. 5c), (lb. 40c), 10 lbs. $3.50)**, postpaid.

GOLDEN BANTAM—An extra early sort of exceptionally fine flavor. Once tried always grown. For Southern Arizona, plant in March and August. **(Pkt. 5c), (lb. 40c), (10 lbs. $3.50)**, postpaid.

OREGON EVERGREEN—The most popular and best main crop variety of the Sugar Corns. Of good strong growth, about six feet high. Ears keep in good condition for boiling a remarkably long time. Oregon Evergreen is a late sweet corn, taking good time to mature. It is also valuable as a fodder corn on account of its succulent stalks. **(Pkt. 5c), (lb. 40c), (10 lb. $3.50)**, postpaid.

STOWELL'S EVERGREEN — The standard sort of main crop everywhere. Ears large, deep grained, exceptionally tender and sugary; remains tender and eatable longer than any other variety. A general favorite with canners and market gardeners for late use. **(Pkt. 5c), (lb. 40c), (10 lbs. $3.50)**, postpaid.

FIELD CORN

FOR ROASTING EARS

SACATON JUNE—This variety of corn is, without doubt, the very best for the entire Southwest, whether planted on dry land or irrigated ground. It produces a large, tapering ear with 14 to 20 rows of long, pure white kernels. The husk clings tightly to the ear and is very tough and thick, so much so that it is bothered less by worms than any other corn that grows. Stalks from 10 to 15 feet high and the ears are produced 5 to 7 feet from the ground. For roasting ears in a hot, dry climate, it is unequalled. **(Lb. 25c), (10 lbs. $2.00)**, postpaid. Write for prices on larger quantities.

POP CORN

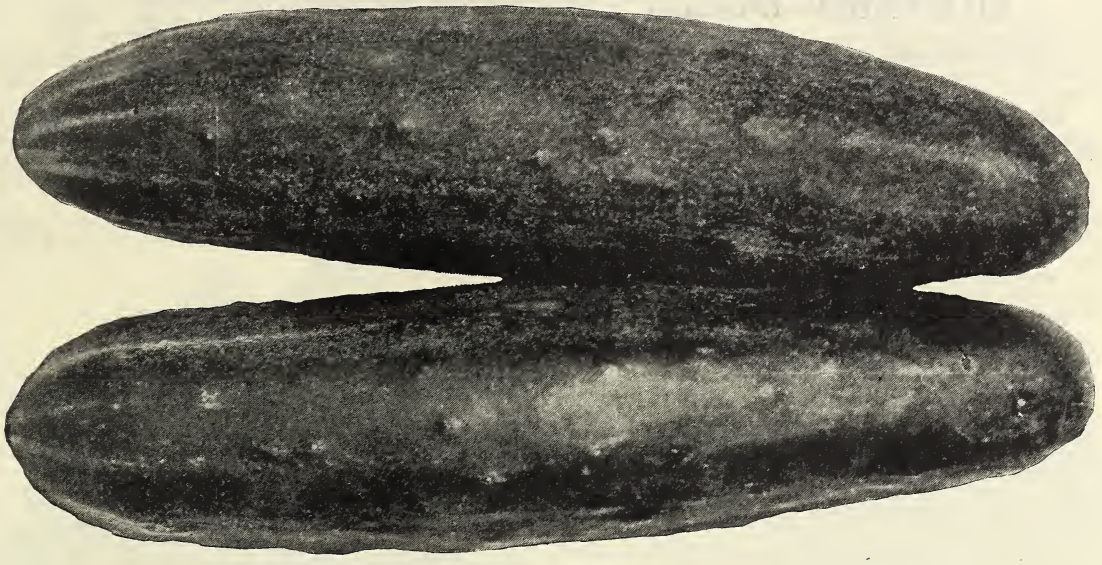
WHITE RICE—Most popular variety, very prolific. Ears short; kernels long, resembling rice in shape. Color white. **(Pkt. 5c), (lb. 30c), (10 lbs. $2.50)**, postpaid.

YELLOW DENT—A very heavy yielding sort with long, soft kernels. Ears average 10 inches in length and have 16 rows. The only yellow corn for this section. Excellent for roasting ears in 85 days. **(Lb. 25c), (10 lbs. $2.00)**, postpaid. Write for prices on larger quantities.

HICKORY KING—Is a distinct variety which has come very much into favor for either dry land or irrigating. Has a very wide grain and extremely large cob. The ears are from 8 to 10 inches in length and are generally borne two to four ears per stalk, making it very productive. It makes excellent roasting ears and is often used in place of sugar corn. Grows to a height of 7 to 9 feet and is in every way highly desirable. **(Lb. 25c), (10 lbs. $2.00)**, postpaid. Write for prices on larger quantities.

Plant Hairy Peruvian Alfalfa. See page 37)

CUCUMBER—Pepino



ARIZONA DAVIS PERFECT

CULTURE

Cucumbers should be grown in hills four feet apart each way, eight to ten seeds in a hill, covered as lightly as can be trusted to retain the moisture until the plants take hold. Plant in August and early September for Fall crop. They require an abundance of water and frequent cultivation to obtain best results. When danger of insects is past, thin plants to three or four in a hill. If planting is done after the soil has become warm, they will be ready for the table in six weks after planting. One ounce of seed will plant 50 hills and two lbs. an acre.

KLONDIKE—A splendid variety of the White Spine family. For slicing only. (Pkt. 5c), (oz. 20c), (¼ lb. 50c), (lb. $1.50), postpaid.

IMPROVED LONG GREEN—Dark green, growing 10 to 12 inchess long. An old favorite. (Pkt. 5c). (oz. 20c), (¼ lb. 65c), (lb. $2.00), postpaid.

BOSTON PICKLING—One of the best pickling varieties, being of medium size and dark green. (Pkt. 5c). (oz. 30c), (¼ lb. 65c), (lb. $2.00), postpaid.

ARIZONA DAVIS PERFECT—For market gardeners this is the ideal cucumber, because of its wonderful uniformity, it being, long, slender and tapering to the same shape at both ends. They pack well in crates or boxes and present a beautiful appearance. (Pkt. 5c), (oz. 20c), (¼ lb. 65c), (lb. $2.00), postpaid.

EARLY WHITE SPINE—Suitable for slicing. Very uniform, solid and crisp. Vines are of vigorous growth. (Pkt. 5c), (oz. 20c), (¼ lb. 50c), (lb. $1.50), postpaid.

IMPROVED LONG GREEN—Dark green, growing 10 to 12 inches long. An old favorite. (Pkt. 5c), (oz. 20c), (¼ lb. 65c), (lb. $2.00), postpaid.

LEMON—A new variety the color of a lemon when ready to use, and similar in shape but less pointed at the ends. Produces about four times as much fruit as any other variety. Flavor delicious; no bitter taste as is sometimes found in other cucumbers. (Pkt. 10c), (oz. 25c), (¼ lb. 85c), (lb. $2.50), postpaid.

JAPANESE CLIMBING—While all cucumbers are running vines, this one is much more so. It is a distinct variety, readily climbing on poles or trelises. A pickling variety. Quality is splendid. (Pkt. 5c), (oz. 20c), (¼ lb. 65c), (lb. $1.75), postpaid.

HERBS

HERBS IN COOKING

Every good cook uses herbs in the culinary art, but comparatively few housewives are acquainted with the delicious and appetizing flavors secured by the addition to many dishes of one or more of the old fashioned herbs. Easily grown in the house yard and preserved for use simply by drying and placing in tight jars, no order for garden seeds should fail to include them.

Anise	Borage	Coriander	Chives	Lavender	Sorrell
Basil	Catnip	Chervil	Dill	Roselle	Sweet Thyme
Balm	Chicory	Caraway	Fennell	Sage	Wormwood

(All 10c per pkt., 3 pkts. for 25c, dozen packets, $1.00, postpaid).

(Use Nico Dust for Aphis on Cucumber Vines. See page 71)

VEGETABLE SEEDS

MUSTARD—Mostaza

Sow in the Spring or Autumn. Not particular as to soil, though a medium heavy one is best.

OSTRICH PLUME—So called for its feathery appearance. Ornamental as well as useful. **(Pkt. 5c), (oz. 20c), (¼ lb. 40c), (lb. $1.25)**, postpaid.

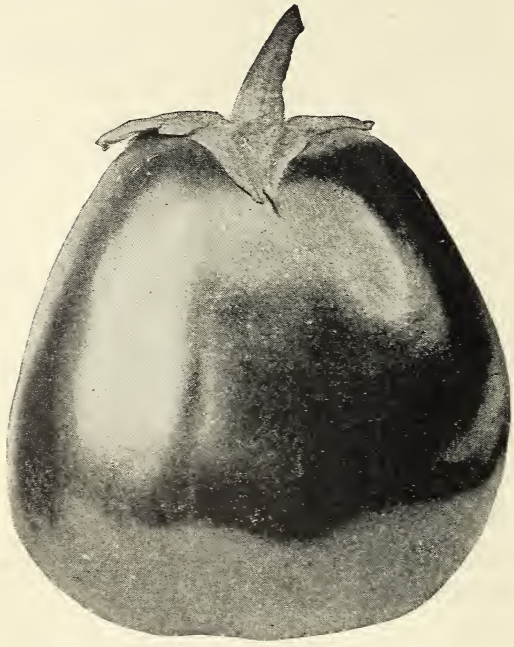
SOUTHERN GIANT CURLED—Leaves large, 14 to 16 inches in length, which are cooked like spinach and have a very agreeable flavor. **(Pkt. 5c), (oz. 20c), (¼ lb. 40c), (lb. $1.25)**, postpaid.

WHITE LONDON—Best for salads or medicinal purposes. **(Pkt. 5c), (oz. 15c), (lb. 75c)**, postpaid.

ENDIVE

Sow any time except during the extreme heat in Summer. When plants are three or four inches high, transplant to rows 18 inches apart. After plants are well grown, gather up leaves and tie at tips into a loose bunch to bleach the inner leaves. This vegetable is highly esteemed as a salad, and grows to perfection here. One ounce of seed will sow 150 feet.

GREEN CURLED—Leaves are finely cut or lacinated, giving the plants a rich, mossy appearance which is greatly enhanced when the centers are nicely blanched. This is the variety generally preferred because it blanches to a beautiful golden yellow. **(Pkt. 10c), (oz. 20c), (¼ lb. 50c), (lb. $1.50)**, postpaid.



ROUND PURPLE

EGG PLANT—Berengena

This popular vegetable is indeed at home in Southern Arizona, 40 to 50 pounds of perfect specimens having been produced on a single plant. Since the seed is slow to germinate, great care must be taken in preparing the bed. Sow in hot beds or boxes and transplant when danger of frost is past. Plant two feet apart in 4-ft. rows. It is important to secure a rapid and continuous growth, therefore frequent watering and cultivation is necessary. Our acclimated seed is the best to be had. One ounce of seed will produce about 1000 plants.

IMPROVED ROUND PURPLE—Large oval-shaped, deep purple fruits. **(Pkt. 10c), (oz. 75c), (¼ lb. $2.50), (lb. $7.50)**, postpaid.

FLORIDA HIGH BUSH—A large fruited purple sort; very popular among Southern growers. Fruit is held up well off the ground. The plant is vigorous and very productive. **(Pkt. 10c), (oz. 75c), (¼ lb. $2.50), (lb. $7.50)**, postpaid.

BLACK BEAUTY—A handsome extra early large variety. **(Pkt. 10c), (oz. 75c), (¼ lb. $2.50), (lb. $7.50)**, postpaid.

LEEK—Puerro

CULTURE—Leek is a very hardy plant with a sweet onion-like flavor. It resembles the young onion growth in the Spring as it does not bulb. The neck or stems are blanched by drawing the earth up about them as the plant grows in size or they can be transplanted to trenches and the trench gradually filled as the plant grows. They should be planted in drills or rows 16 to 20 inches apart and the plants 10 to 12 inches apart. Plant seed in seed bed, broadcast or in drills, covered to depth of one-half inch, and when they are about as thick as a good-sized goose quill they should be transplanted.

LARGE LONDON—A large and strong plant. **(Pkt. 10c), (oz. 35c), (¼ lb. $1.15), (lb. $3.50)**, postpaid.

KALE or BORECOLE
Breton Berza

CULTURE—This is a very popular boiling green and in Arizona can be grown the entire year. It resembles cabbage in flavor; is a hardy plant and can be grown easily from seed. We consider the Tall Scotch variety the best. Seed should be sown thickly in drills, during the Spring and Fall months. Transplant to 12 inches apart in 4-ft. rows. One ounce will plant 100 feet of drill.

TALL SCOTCH—Grows to a height of about 2½ feet. **(Pkt. 10c), (oz. 20c), (¼ lb. 85c), (lb. $2.00)**, postpaid.

KOHLRABI—Colinabo

CULTURE—This vegetable is a cross between a cabbage and a turnip. The edible portion is the large bulb which forms on the stem above the soil. We advise successive sowing in order to obtain tender bulbs, which have a mild, delicate, cabbage-like flavor. It is a hardy plant and seed may be sown practically all the year around, with the exception of the hottest months. Plant it like turnips and thin to six inches apart in row. One ounce of seed will produce 2000 plants.

EARLY WHITE VIENNA—Early and tender, having a flavor all its own. **(Pkt. 10c), (oz. 30c), (¼ lb. $1.00), (lb. $3.00)**, postpaid.

GARLIC SETS

Garlic has become a very profitable crop in the Salt River Valley. The demand is always good and prices are high. It should be planted in climates similar to Salt River Valley during October and November. In the higher altitudes during the Spring season. In planting separate the little bulblets and plant the same as onion sets. One pound will plant 50 feet of row.

(Per lb., 50c), postpaid. Ask for quantity price.

(See page 36 for Vegetable Plants)

LETTUCE—"Arizona Wonderful"

This is, without question, the LEADING HEAD LETTUCE on the market, and we have had no end of praise from our many friends who have grown it.

The LARGE, CRISP, TIGHT heads are of the finest quality, weighing on an average of TWO POUNDS each.

Plant this truly WONDERFUL Lettuce in your garden.

We supply hundreds of pounds of this lettuce to growers who make a business of shipping to the Eastern markets in carload lots. This class of trade demands the BEST and most reliable TRUE-TO-TYPE seed. Our repeat business from this source proves our seed to be of superior quality.

(Pkt. 10c) (Oz. 50c) (¼ Lb. $1.50) (Lb. $5.00), Postpaid.

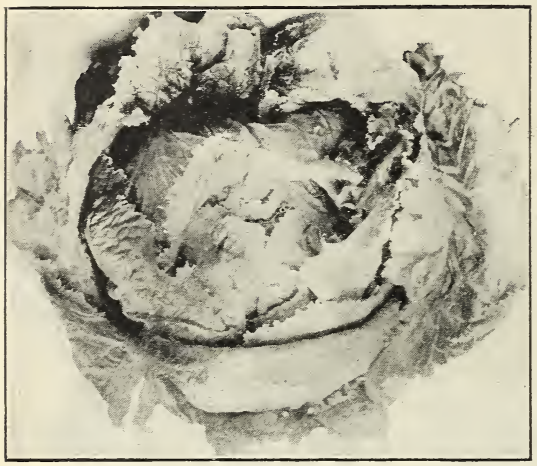
OUR MAIL ORDER DEPARTMENT RENDERS PROMPT AND INTELLIGENT SERVICE
SEE PAGE 6 FOR CUT FLOWERS

LETTUCE—Lechuga

CULTURE—Lettuce is very exacting as to soil requirements. It is best suited to a rich, light loam, and should never be planted on soils of poor quality. Irrigation is necessary throughout the entire growing period, except during the rainy season, but the crop is easily ruined by an excess of water. The crop stands cold better than heat.

At the time of planting, the soil should be in the finest possible condition. The plants should be grown on ridges, 12 to 18 inches wide, four to six inches high and 10 to 15 inches apart. The water should be run between the ridges and not flow over the tops, and should never be allowed to cover the plants. There should always be an adequate amount of moisture in the soil from the time the plants have commenced to head until they have matured.

Cultivation is necessary after each irrigation as the soil should never be allowed to harden around the plants. Hard head lettuce, such as Arizona Wonderful, New York, Big Boston and Hanson, should be planted from September on and Iceberg head lettuce and leaf lettuce in January, February and March. In warm weather the lettuce should be cut early in the morning and never when the heads are wet, as in that condition they will heat and quickly rot. The field is gone over from two to five times during the cutting season. Plant from 2 to 3 pounds of seed to the acre.



ICEBERG LETTUCE

ICEBERG—A splendid Head Lettuce. For Spring planting—compact, tender, crisp, creamy white heads. Grows a solid head in midsummer and is highly praised by all users. Grow this large, crisp, tender and sweet Summer heading lettuce when other varieties will not head. We recognized the superior qualitiess of this Iceberg Lettuce long ago and with our recommendation it is grown more extensively than any other lettuce during the Spring. (Pkt. 5c), (oz. 25c), (¼ lb. 85c), (lb. $2.50), postpaid.

LEAF LETTUCE

DENVER MARKET—For the family garden plant this variety broadcast on ridges allowing it to grow thick. Tender bunches may be cut in a few weeks after planting and it will continue to grow together, as thinned for table use. Very fine, crisp and early. (Pkt. 5c), (oz. 20c), ¼ lb. 60c), (lb. $1.75), postpaid.

EARLY CURLED SIMPSON—A very popular variety of loose leaf lettuce. (Pkt. 5c), (oz. 20c), (¼ lb. 50c), (lb. $1.50), postpaid.

PRIZEHEAD—One of the very best loose bunching or non-heading varieties. Leaves brown, very early and of remarkably fine flavor. Grows quickly and all except the outer row of leaves are very brittle. It is probably the most easily grown lettuce in cultivation. (Pkt. 5c), (oz. 20c), (¼ lb. 50c), (lb. $1.50), postpaid.

HEAD LETTUCE

New York Market—Hardy, uniform heads, wavy light green outer leaves with the center bleached pure white. Crisp, tender and with a flavor that never fails to please. In planting New York Market Lettuce, be sure to thin out to ten inches between plants, as it does not head well if allowed to grow thick.

(Pkt. 10c), (oz. 45c), (¼ lb. $1.35), (lb. $4.50), postpaid.

WHITE PARIS COS—The best variety of the Cos Lettuce. Forms a large, light green plant with the head well folded and quite solid. Cos Lettuce is also called Romaine, and while it is little known here it is highly prized in Europe, and should be planted more extensively here. It is brittle, milky and very sweet, having a flavor not found in any other lettuce. (Pkt. 5c), (oz. 20c), ¼ lb. 60c), (lb. $1.75), postpaid.

BIG BOSTON—Large solid heads of a light green color. Leaves smooth, broad and thin. We have experimental plots of this variety this year. (Pkt. 5c), (oz. 25c), (¼ lb. 85c), (lb. $2.50), postpaid.

IMPROVED HANSON—An old time head variety. (Pkt. 5c), (oz. 20c), (¼ lb. 65c), (lb. $2.00), postpaid.

Catch Mr. Gopher with MACABEE TRAPS 25c each

(For Mammoth Zinnias—easily grown—See page 55)

WATERMELONS—Zandia

CULTURE

Plant the seed in a furrow, dropping six seeds every eight or ten feet apart; cover about two inches. As the vines grow, hill the earth about them until the roots are 10 to 12 inches deep. When the vines are safely established, thin out, leaving only two vines to the hill. It is a good plan to establish your rows by throwing the soil toward the center, with one round of plowing, and cultivate every week during the early growth of the plants. This gives deep cultivation at the time it is needed, mulches the soil properly, makes proper rows slightly raised in the center, allowing a low place between for irrigating, as soon as the nature of the soil will permit. If these instructions are carefully followed you will have thrifty vines throughout the season.

Use one ounce of seed for the average garden. One ounce will plant 20 to 30 hills. Three pound is required to the acre.

KLECKLEY'S SWEET

OUR CACTUS BRAND KLECKLEY'S SWEET

Good Producer—Good Flavor—Good Shipper

It is quite difficult to make a choice of Watermelons. There are hundreds of varieties and most all of them have some good qualities, but after having tested many of them, we have boiled the list down to what seems to be the most popular varieties. The Cactus Brand Kleckley's Sweet has given wonderful results and each year we find the sale increasing. It is an excellent shipper, ripens early and the flavor is fine.

By careful selection we have produced a uniform size, medium rind and a bright red flesh. For local market or for shipping you will find Cactus Brand Kleckley's Sweet a winner. **(Pkt. 15c), (oz. 20c), (¼ lb. 40c), (lb. $1.25),** postpaid.

WHITE SEEDED CHILIAN—By far the most popular melon for home garden, it being small and of very fine flavor. Flesh a rich, deep red, ripening to a very thin rind. It is almost round in shape, having a rind of dark green slightly striped. **(Pkt. 15c), (oz. 20c), (¼ lb. 50c), (lb. $1.50).** postpaid.

BLACK SEEDED CHILIAN—Has all the admirable qualities of the white seed melon. Grows a little smaller, has a very thin rind of rich green color, and if anything is a little more sugary. **(Pkt. 15c), (oz. 20c), (¼ lb. 50c), (lb. $1.50),** postpaid.

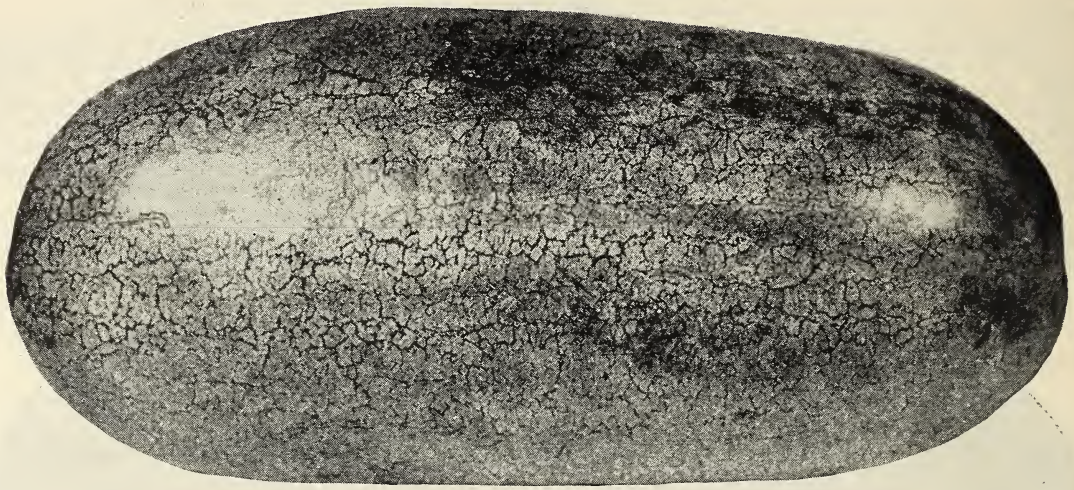
ALABAMA SWEET—The best melon grown for shipping. Oblong, very sweet, dark green, faintly striped, entirely stringless; very prolific. We cannot recommend this melon too highly. **(Pkt. 15c), (oz. 20c), (¼ lb. 40c), (lb. $1.25),** postpaid.

WHITE SEEDED ANGELENO—This melon is highly praised on the Phoenix market because of its excellent shipping qualities, uniform shape and fine flavor. It is almost round, with a beautiful dark green rind which makes it attractive to the buyer. Do not pick until the yellow shows slightly through the green and you will never disappoint your customer with a green melon. **(Pkt. 15c), (oz. 20c), (¼ lb. 50c), (lb. $1.50),** postpaid.

FLORIDA FAVORITE—Oblong in shape, very early and a good shipper. Flesh light crimson, crisp and deliciously sweet. This melon is a favorite among shippers in the Salt River Valley. **(Pkt. 15c), (oz. 20c), (¼ lb. 40c), (lb. $1.25),** postpaid.

(Consult pages 73 to 77 for Poultry Remedies, Feeds & Supplies)

WATERMELONS—Zandia



CACTUS BRAND TOM WATSON

Very Large—Very Profitable

An extra large Melon of attractive appearance, uniform shape and very fine flavor. The average Cactus Brand Tom Watson will weigh 40 pounds, and we had specimens this past season weighing 65 pounds. It is an excellent shipping Melon and commands a good price on any market, due to its very large size. The tonnage per acre is enormous. The Cactus Brand Tom Watson and Kleckley's Sweet make an excellent combination for large shippers.

(Pkt. 5c), (oz. 20c), (¼ lb. 50c), (lb. $1.50), postpaid.

GRAY MONARCH

Sweet and Fine

This is a very large Melon. The rind is green mottled with gray and the flesh is a bright crimson. It is long and grows to enormous size, making an excellent type for home, hotel and restaurant trade. In addition to this it is of delicious flavor and its bright crimson flesh gives it a tempting appearance. **(Pkt. 5c), (oz. 20c), (¼ lb. 50c), (lb. $1.50), postpaid.**

TRUE AUGUSTA RATTLESNAKE—This melon rapidly deteriorates unless it is severely rogued, therefore we take particular care in seed selection. It is elongated gray, with green stripes; good size, with maximum of 50 to 60 pounds. Seed white with black ears; flesh crisp and excellent. Medium early. **(Pkt. 5c), (oz. 20c), (½ lb. 40c), (lb. $1.25), postpaid.**

ICE CREAM—A medium sized oval melon of bright green color, finely veined with a darker green shade. The flesh is a bright scarlet, shading to golden yellow and is very sweet and sugary **(Pkt. 5c), oz. 20c), (¼ lb. 50c), (lb. $1.50), postpaid.**

THE EXCEL—A new black-seeded melon that has made a sensation in the South. Its surpassing merits are in the **size** (average weight per melon in car is 35 pounds), enormous yield and excels all others as a shipper. We planted an acre on our trial grounds and find it is not only all that is claimed for it, but we were surprised at the excellence of its flavor. We recommend it to all shippers who want a very large melon. **(Pkt. 10c), (oz. 30c), (¼ lb. $1.00), lb. $3.00), postpaid.**

HALBERT'S HONEY—This melon ripens early in all melon-growing districts. The melons are of cylindrical oblong form, with smoothly rounded ends. The rind is thin, the flesh crimson and of the very finest flavor. **(Pkt. 5c), (oz. 20c), (¼ lb. 50c), (lb. $1.50), postpaid.**

KLONDIKE—One of the best melons grown for home use. The rind is very thin and of a medium green color. The flesh is a bright red, tender and deliciously sweet. The Klondike is not a shipping melon, for the rind is too thin. It does not make a heavy vine, therefore in the hot valleys of Southern Arizona it should be planted in the same hill with other varieties growing a strong vine. This protects the melon from the hot sun and the planter is rewarded with the most delicious fruit in the melon line. **(Pkt. 10c), (oz. 40c), (¼ lb. $1.35), (lb. $4.00), postpaid.**

SWEETHEART—Remains in condition for use longer than any other sort. Fruit early, large, oval and very solid. Flesh bright red, tender and sweet. Rind thin but strong, making it a good shipper. **(Pkt. 5c), (oz. 20c), (¼ lb. 40c), (lb. $1.25), postpaid.**

CITRONS

PRESERVING CITRONS—The Red Seeded type is most desirable for preserves, the flesh being solid and white. **(Pkt. 5c), (oz. 20c), (¼ lb. 40c), (lb. $1.25), postpaid.**

GREEN SEEDED or STOCK CITRON—One of the most productive of the stock melons. They will keep indefinitely. **(Pkt. 5c), (oz. 20c), (¼ lb. 40c), (lb. $1.25), postpaid.**

BUY THE BEST—WE DO

(See page 71 for Black Leaf 40 and Fish Oil Soap)

MUSKMELONS–Melone or CANTALOUPE

CULTURE

Muskmelons must not under ordinary gardening conditions be planted until all danger of frost is past. Warm ground is essential to the germination of the seed, for if planted too early in the Spring it will rot. It is highly important that your soil should be in proper planting condition. First, it must be thoroughly soaked or irrigated. Second, as quickly as the moisture has thoroughly penetrated and the soil is in a tillable or workable condition, spade or plow the ground and see that it is thoroughly pulverized. Third, prepare furrows 6 to 8 inches in depth and 5 to 7 feet apart, according to space you can spare. Fourth, plant the seed in the furrows about 6 feet apart, covering the seed not more than 1 inch deep and as the plant grows, gradually fill up the furrow about it with soil until level with surface. Continuous cultivation is now necessary and where soil conditions require, systematic irrigation should be followed. Do not, however, irrigate close to the plant as it will cause dampening off, and other diseases. The roots of the plant being as long as the vine, close up irrigation is not necessary and in cultivating see that these roots are not disturbed as it would ruin the plant. Practice frequent shallow cultivation. Plant 8 seeds to the hill and when thoroughly established pull out all but three. Two to three pounds of seed is used to an acre.

IMPROVED EDEN GEM

Without doubt this is the best general purpose melon on the market today. It is uniform, well netted and a fine melon for market or home use. Several carloads of them were shipped from this valley last season and they commanded a good price. The above photograph shows them packed ready for shipment and will give some idea of their uniformity. They produce wonderfully and ship well. The meat is green, with a slight salmon tint in the seed cavity. Our seed is from first cut select melons only and will produce the finest melons you ever had in your garden.

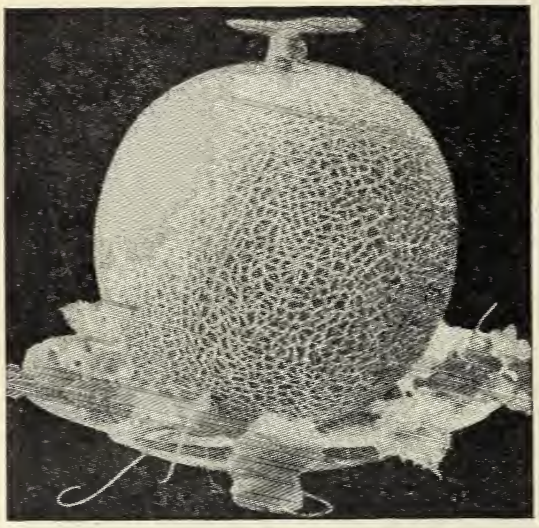
(Pkt. 10c), (oz. 25c), (¼ lb. 85c), (lb. $2.50), postpaid.

ROCKY FORD—Thoroughbred. Rust resistant. The past season proved beyond all doubt that this melon is far superior to any for production in our Southern valleys. Of the many varieties planted this one was the most uniform and the best netted. The shape is slightly oval, skin a rich, greenish gold when fully ripe and the flesh a light green. We can recommend it highly for home or local market. **(Pkt. 10c), (oz. 25c), (¼ lb. 75c), (lb. $2.00),** postpaid.

IMPROVED FORD HOOK—A new Arizona production. This melon is our own selection. It is of standard size, round and well netted. The flesh is a rich salmon with a small seed cavity. The flavor is excellent, being rich and sweet to the rind. We think this will prove to be one of the very best local market melons. **(Pkt. 10c), (oz. 25c), (¼ lb. 80c), (lb. $2.50),** postpaid.

(We are headquarters for Insecticides, Sprayers and Dusters—See pages 69 to 72)

No. 1025—IMPROVED SALMON TINTED



No. 1025

IMPROVED SALMON TINTED

In general appearance this melon resembles the well known Salmon Tinted strain except that the netting is heavier and more prominent and the color is a more pronounced salmon. It will show fewer culls than any variety grown for shipping. It was planted and shipped with great success in the Imperial Valley, Salt River Valley and other cantaloupe-growing districts last season.

Our seed is produced by a grower who supplies 75% of the seed to the large cantaloupe-growing districts. It is taken from first cut melons and is positively high grade in every respect. This particular melon cannot be bought from the average seed house for the reason that the seed is distributed among large shippers rather than to seedsmen, and it is only through our connection with the shipping interests that we are privileged to catalogue it. **(Pkt. 10c), (oz. 25c), (¼ lb. 80c), (lb. $2.25)**, postpaid.

EMERALD GEM—A salmon-fleshed variety of remarkably fine flavor and fine quality. Fruit small, globular, slightly flattened at the ends; skin only slightly netted; very thick and well ripened close to the rind. **(Pkt. 5c), (oz. 20c), (¼ lb. 60c), (lb. $1.75)**, postpaid.

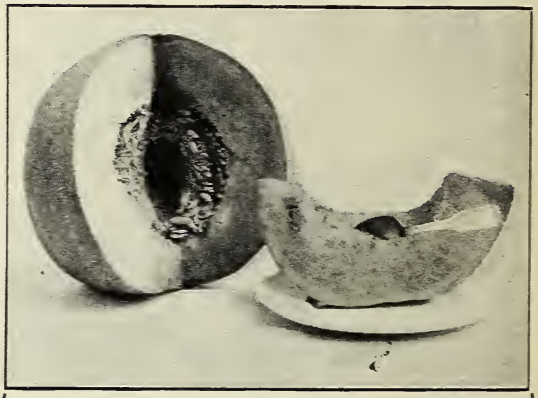
EXTRA EARLY HACKENSACK—This valuable variety is ready for market fully ten days ahead of the well-known Hackensack, which it much resembles in shape and quality. The melons are of good size, weighing from five to ten pounds each; excellent for market and private garden. Our acclimated stock is very select. **(Pkt. 5c), (oz. 20c), (¼ lb. 50c), (lb. $1.50)**, postpaid.

MONTREAL MARKET—The large fruits are nearly round in form, slightly flattened at the ends, with very large, broad, heavy ribs. The flesh is two inches thick, light green, melting and of delicious flavor. **(Pkt. 5c), (oz. 20c), (¼ lb. 50c), (lb. $1.50)**, postpaid.

TIP TOP—This melon is slightly larger than the Rocky Ford and is very much in favor as a short distance shipper and a local market melon. It is green fleshed, oval with flattened ends. The seed cavity is small and the flesh firm. **(Pkt. 5c), (oz. 20c), (¼ lb. 85c), (lb. $2.50)**, postpaid.

BURREL'S GEM—A very fine melon with a small seed cavity and rich solid yellow meat. It is well netted, of uniform size and of most excellent flavor. Frequently referred to as a pink meat. Many cars of this variety are shipped from the Salt River Valley each year. **(Pkt. 5c), (oz. 20c), (¼ lb. 50c), (lb. $1.50)**, postpaid.

PAUL ROSE—Handsome; oval; new variety; rich orange; flesh very sweet. **(Pkt. 5c), (oz. 20c), (¼ lb. 65c), (lb. $2.00)**, postpaid.



PERSIAN MUSKMELON

(Hybrid Muskmelon)

This is a large melon, 8 to 10 inches in diameter, and is heavy for its size. The melons are heavily netted and are globular. Its color is bright orange. The flavor is different from other melons, and comes out delightfully when the melons are well ripened. Do not try to eat them until fully ripe. Many persons prefer Persian Melons before all other sorts.

(Pkt. 10c), (oz. 60c), (¼ lb. $1.80), (lb. $6.00), postpaid.

(Control Melon-Aphis with Nico Dust. See page 71)

CASABA MELONS

Plant More Casabas

Cultivate the same as muskmelon, and plant, according to your locality, from February 15 until July 15; for late shipping, June 1 to August 1 seems to be the best time for planting.

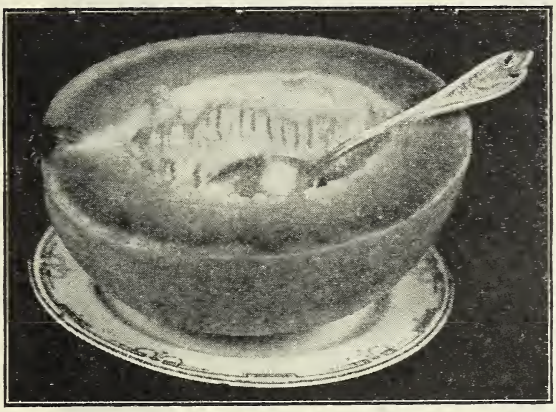
Picking at the proper time is very important. If desired for immediate use do not pick until the rind will give under pressure, using the thumb to determine this. If rind is firm the melon is not ripe and full flavor has not yet developed.

Casabas can be picked green and held in storage until ripe. Green melons are used for shipments of any distance. Do not pick for shipment until the melon has lost its shiny appearance.

Honey Dew Melon

THE LAST WORD IN FLAVOR

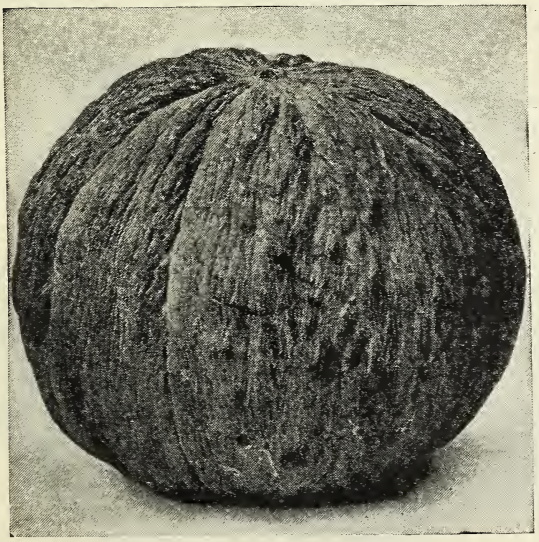
Honey Dew Melon—The average size of this melon is six inches in diameter and seven to eight inches in length, weighing about six pounds. The skin is smooth and is a creamy yellow when ripe. The flesh is an emerald green, very thick, and of the very finest flavor, having a mingling of banana, pineapple and vanilla. It begins maturing about ten days later than cantaloupes and is very prolific. The melon slips from the stem, and for home use they should not be pulled until they reach that stage. Because of their keeping qualities they are excellent shippers, many carloads of them going East the past season. **(Pkt. 10c), (oz. 25c), ¼ lb. 85c), (lb. $2.50)**, postpaid.



WINTER PINEAPPLE—The true Winter sort. Large green fleshed melon, having a corrugated skin and a decided pineapple flavor. Pick after the melon has lost its green lustre, and store in a cool, dry place until thoroughly ripe. **(Pkt. 10c), oz. 25c), (¼ lb. 85c), lb. $2.50)**, postpaid.

IMPROVED HYBRID—Smooth rind, white flesh and of fine flavor. Excellent for local market or shipping. **(Pkt. 10c), (oz. 20c), (¼ lb. 65c). (lb. $2.00)**, postpaid.

BANANA—This melon grows one and a half or two feet in length and three to four inches in diameter. The flesh is of a rich salmon and the quality is fine when the melon is fully ripe. **(Pkt. 5c), (oz. 20c), (¼ lb. 50c), (lb. $1.50)**, postpaid.



GOLDEN BEAUTY

Golden Beauty — Grows from six to eight inches in diameter, nearly round, color a perfect golden yellow and rind very hard. This is perhaps the best flavored variety of casaba.

(Pkt. 10c), (oz. 25c), (¼ lb. 85c), (lb. $2.50), postpaid.

(See pages 37 to 45 for FIELD SEEDS)

ONIONS—Cebolla

CULTURE

For the small garden for which these instructions are intended we advise planting only Bermuda Onions, the Crystal White Wax, the Australian Brown and Yellow Globe Danvers. These are mild and good keepers and are suitable for

green onions or mature. For green onions plant from Sept. 15 to March 1, in double rows six inches apart on ridges 12 inches apart at the rate of 4 oz. of seed to 100 feet of row. Thin out as pulled for table use and if any are left they will produce mature onions in five to seven months from planting. They will respond readily to liberal fertilization, chicken or barn yard manure being highly recommended. Some commercial fertilizers will force them but affect the keeping qualities.

If you contemplate an acreage of onions do not fail to get our illustrated catalogue on the Iron Age Planter. One of these famous planters will pay for itself in the saving of seed on one crop. Endorsed by many Arizona market gardeners. For field planting 1 oz. of seed will plant 100 feet of row, and 3 pounds are required to plant an acre. Write for special prices in quantity.

AUSTRALIAN BROWN—This onion has claimed a place in America within recent years and seems abundantly able to maintain it. It is of medium size and of good quality; very early; rather flattened in shape; of brown color, and wonderfully hard and mild. It begins to form a bulb at an early period of its growth, when only a few inches high and quickly reaches maturity. Its leading and most valuable quality is its long keeping quality. Properly handled it will keep for months. **(Pkt. 10c), (oz. 20c), (¼ lb. 60c), (lb. $1.75),** postpaid.

CRYSTAL WHITE WAX—Teneriffe grown. A large white onion of the Bermuda type becoming more popular every year. It is mild and sweet, an excellent keeper and presents a beautiful appearance on the market, being of a waxy white, clean cut and uniform. It produces few seeds, therefore remains high priced, but regardless of the price a small quantity should be included in each order. **(Pkt. 10c), (oz. 50c), (¼ lb. $1.65), (lb. $5.00),** postpaid.

GREAT GREEN BUNCH ONION—Will produce green onions large enough for table use in about 75 days. **(Pkt. 10c), (oz. 25c), (¼ lb. 80c), (lb. $2.50),** postpaid.

WHITE BERMUDA—Teneriffe grown. We import direct from the noted island of Teneriffe our seed which which is grown by the most reliable seed grower in that celebrated district. This variety is more extensively grown in Arizona than any other and we recommend it and the Crystal Wax in preference to the many varieties usually offered in seed catalogues. For the reason that these few varieties have proven so highly satisfactory we limit our offerings to them and urge that these only be planted. The White Bermuda is a pale straw color, flat and very mild. **(Pkt. 10c), (oz. 40c), (¼ lb. $1.35), (lb. $4.00),** postpaid.

YELLOW GLOBE DANVERS—A very popular variety for home garden or market. Medium size, globular shape and mild. **(Pkt. 10c), (oz. 25c), ¼ lb. 75c), (lb. $2.25),** postpaid.

EXTRA EARLY BARLETTA—A very early variety of medium size for pickling purposes. **(Pkt. 10c), (oz. 50c), (¼ lb. $1.65), (lb. $5.00),** postpaid.

SILVER SKIN—Planted principally by market gardeners for a bunch onion, but the White Bermuda answers the purpose better because of its mildness. The Silver Skin is of medium size and early. **(Pkt. 10c), (oz. 30c), (¼ lb. $1.00), (lb. $3.00),** postpaid.

AUSTRALIAN BROWN

(See page 66 for Iron Age Seeders and Cultivators)

ONION SETS

ONION SETS

We are large dealers in Onion Sets. Ask us for quantity prices.

One lb. of sets will plant about 75 ft. of row —about 250 lbs. required for one acre.

Early Green Onions are obtained much earlier by setting out sets than by sowing seed. Seed, however, should be sown to follow the crop grown from sets. Usually our Sets are ready about September 15 and we can supply them until May.

WHITE—(Lb. 30c), (10 lbs. $2.50), postpaid.

YELLOW—(Lb. 25c), (10 lbs. $2.00), postpaid.

RED—(Lb. 25c), (10 lbs. $2.00), postpaid.

OKRA or GUMBO—Quimbambo

This popular vegetable of the South is not largely grown in Arizona, but it is not because it doesn't thrive under Arizona conditions for we have had numerous fine specimens called to our attention. It requires generous water supply and responds readily to fertilizer and cultivation. Plants may be started in a bed and transplanted to the field, or seed may be sown after February 15, or when danger of frost is over, in drills and plants thinned to one foot apart.. One ounce will sow 50 feet of row. It requires about 90 days to grow to marketing size.

TALL GREEN—Very productive. (Pkt. 5c), (oz. 20c), (¼ lb. 45c), (lb. $1.25), postpaid.

WHITE VELVET—The well-known pickle variety. (Pkt. 5c), (oz. 20c), (¼ lb. 45c), lb. $1.25), postpaid.

PARSLEY—Purijil

Parsley can be readily grown in Arizona by the use of a raised bed for Fall sowing. A light mulch will help to retain moisture, which will greatly aid in germinating the seed, as it is slow to start and cannot be covered deeply. One ounce of seed will produce about 500 plants.

MOSS or TRIPLE CURLED—Compact growing variety. Excellent for garnishing and flavoring. (Pkt. 10c), (oz. 20c), (¼ lb. 45c), (lb. $1.25), postpaid.

PARSNIPS—Cheribia

Best sown during cold weather, October to March. Succeeds best in rich moist soil. Sow thickly in drills one foot apart and one-half inch deep. When the plants are two or three inches high thin to about four inches apart and cultivate same as carrots. One ounce of seed will sow about 100 feet of row.

HOLLOW CROWNED—(Pkt. 5c), (oz. 20c), (¼ lb. 50c), (lb. $1.50), postpaid.

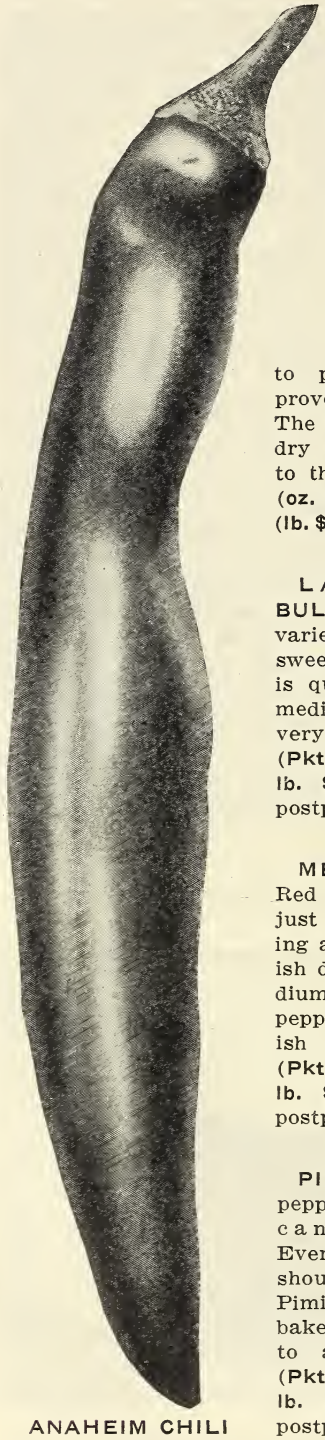
HOLLOW CROWN PARSNIP

(Refer to inside back cover for complete planting chart)

PEPPERS—Pimento o Chili

CULTURE

Sow in hot beds in November and December, in boxes or cold frames in January and February, and in the field where they are to remain, in March. Plants grown in the bed should not be set in the field until the weather is warm and all danger of frost is past. The soil should be highly fertilized and plants should be kept well watered at all times. Plant in rows 30 inches apart and 18 inches apart in the row. One ounce of seed will produce 1000 plants.



ANAHEIM CHILI

ANAHEIM CHILI—Slender pod about seven inches in length, desired for slicing because of its freshness and slight pungency. It has no insect enemies and when dried the pods are not perishable, therefore it is a safe crop to plant and often proves very profitable. The estimated yield of dry peppers is one ton to the acre. **(Pkt 10c), (oz. 50c), (¼ lb. $1.65), (lb. $5.00),** postpaid.

LARGE BELL or BULL NOSE—An early variety and of mild, sweet flavor; the skin is quite fleshy, and of medium size. This is a very popular pepper. **(Pkt. 10c), (oz. 80c), (¼ lb. $2.65), (lb. $8.00),** postpaid.

MEXICAN CHILI—Red hot, green or ripe, just the thing for drying and flavoring Spanish dishes. It is a medium size, pear shaped pepper and turns a bluish black when dried. **(Pkt. 10c), (oz. 40c), (¼ lb. $1.65), (lb. $5.00),** postpaid.

PIMIENTO—A sweet pepper, excellent for canning or salads. Every home garden should have a row of Pimientos. Stuffed and baked it is far superior to all other peppers. **(Pkt. 10c), (oz. 60c), (¼ lb. $2.00), (lb. $6.00),** postpaid.

Chinese Giant Pepper

CHINESE GIANT PEPPER—A pepper of exceptional merit. It is very mild in flavor and is an ideal variety for the home garden. Produces enormous peppers measuring as much as five inches broad at the top and of equal length. It is highly productive, plants being so thickly covered that they appear to bear in clusters. Its flesh is thick, solid, but of fine texture, making the ideal stuffing pepper, for which purpose it is greatly and rightly famed. **(Pkt. 10c), (oz. 80c), (¼ lb. $2.65), (lb. $8.00),** postpaid.

CHINESE GIANT PEPPER

SWEET POTATO SEED

Write for Prices

(See page 36 for Pepper Plants)

(Plant Peanuts for the home garden or for profit. See page 30)

PEAS—Chicharos o Alverjon

1 lb. to 80 feet of drill; 50 to 80 lbs. to the acre

CULTURE

Peas should be planted during the months of September, October, November, January, February, March and April. They are very hardy and will stand a great deal of frost. Plantings made later than April will not prove very profitable, as they do not thrive in hot weather. In localities where frost does not occur until the middle of November, the quick-maturing sorts may be planted about the middle of September for a fall crop. Dwarf varieties can be planted in rows 1 to 18 inches apart, and the tall ones in rows 3 feet apart. When the planting is done during the cold months, the seed should be put down from 1 to 2 inches, and in the warmer months from 3 to 4 inches. In the garden the pods should be kept picked, as the plants will bear longer. The tall varieties will continue bearing much longer than the dwarf kinds.

AMERICAN WONDER—This is an early wrinkled pea of dwarf habit, the vines generally being about one foot high. It is very stocky, erect and prolific. (Pkt. 5c), (½ lb. 25c), (lb. 40c), (10 lbs. $3.50), postpaid.

EXTRA EARLY ALASKAN—This fine pea has become a standard extra early market variety, and is the earliest of all blue peas; grows about 24 inches tall, is very uniform in maturing the crop, and of excellent quality. (Pkt. 5c), (½ lb. 25c), (lb. 40c), (10 lbs. $3.50), postpaid.

GRADUS—An early wrinkled pea of the finest quality, bearing large pods well filled with the sweetest peas. It produces a **Telephone Pod** as early as the very early sorts, therefore we are recommending it for a shipper to replace the Tall Telephone. In an experimental plot this Fall we had vines bearing as many as 10 large luscious peas in a pod. (Pkt. 5c), (½ lb. 25c), (lb. 40c), (10 lbs. $3.50), postpaid.

YORKSHIRE HERO—The ability of this pea to adapt itself to all conditions has made it a most popular variety in the Salt River Valley. It grows bushy, requiring no staking and yields abundantly. Pod is long is well filled with plump peas of delicious flavor. Our seed is selected by us in the field and is of the true acclimated stock. (Pkt. 5c), (½ lb. 25c), (lb. 40c), (10 lbs. $3.50), postpaid.

BLUE BANTAM PEAS

The Largest Podded Early Variety

Here we are with a brand new pea for the Arid Southwest, and it's a dandy, too. It is conceded the largest, the finest of all early sorts, and the seed we offer is acclimated. The Blue Bantam is of dwarf type, growing only 16 to 18 inches high and requiring no support. The pods are very large and of a dark green color, filled with 8 to 10 large delicious peas. (Pkt. 5c), (½ lb. 25c), (lb. 40c), (10 lbs. $3.50), postpaid.

SENATOR PEA—A second early sort bearing abundantly, large well-filled pods of good quality peas. It does not require staking. This variety is rapidly growing in favor among our customers, and our acclimated seed is without question giving results. (Pkt. 5c), (½ lb. 25c), (lb. 40c), (10 lbs), postpaid.

EDIBLE POD SUGAR PEAS—This class of peas is not generally known in the Arid Southwest, but the past season we demonstrated that they can be grown successfully. They grow about 18 inches high and produce broad flat pods which are prepared and cooked like string beans. (Pkt. 5c), (½ lb. 25c), (lb. 40c), (10 lbs. $3.50), postpaid.

PREMIUM GEM—A very fine wrinkled pea with vines about 15 inches high, pods long and produced in abundance. A very profitable market variety. (Pkt. 5c), (½ lb. 25c), (lb. 40c), (10 lbs. $3.50), postpaid.

STRATAGEM—A favorite on the Phoenix market. The pods are of a dark green color and remain firm several days after picking. A very strong grower, very prolific, pods of good size and well filled. Vines stand upright, require no stakes. (Pkt. 5c), (½ lb. 25c), (lb. 40c), 10 lbs. $3.50), postpaid.

TELEPHONE—A pole variety growing about four feet high. The peas are large and of a pale green color. The pods are very large, containing 8 to 10 peas each. (Pkt. 5c), (½ lb. 25c), (lb. 40c), (10 lbs. $3.50), postpaid.

NOTT'S EXCELSIOR—Although a few days later than the American Wonder, the pods will average fully one-third larger, containing 6 to 8 large peas, so closely packed together that they become flattened. (Pkt. 5c), (½ lb. 25c), (lb. 40c), (10 lbs. $3.50), postpaid.

STRATAGEM

(Inoculate Garden Peas with Mulford Mixture)

PUMPKINS

CULTURE

Plant in March, July and August, seven to ten seeds in a hill and hills eight feet apart each way. Planted with corn they do well and yield an abundance of good hog and cow feed. One pound of seed will plant about 400 hills. Four to five pounds to the acre. Heavy fertilization will produce wonderful results.

SMALL SUGAR

SMALL SUGAR—This is the pumpkin from which the celebrated Yankee Pumpkin Pie is made. About 10 inches in diameter is its average size. Skin is deep orange yellow, with fine grained flesh; handsome and an excellent keeper. **(Pkt. 5c), (oz. 20c), (¼ lb. 50c), (lb. $1.50),** postpaid.

MAMMOTH TOURS—Immense size, often weighing 100 pounds, oblong, skin green; good exhibition sort, or for stock feeding. **(Pkt. 5c), (oz. 20c), (¼ lb. 50c), (lb. $1.50),** postpaid.

LARGE CHEESE—A very productive Pumpkin, shape flat, skin mottled, light green and yellow changing to a rich crimson color. Flesh yellow, thick and tender. The Large Cheese will yield as many tons per acre as most other larger varieties and it is a much better market type than the ordinary field varieties, therefore we recommend it for a general purpose pumpkin. **(Pkt. 5c), (oz. 20c), (¼ lb. 35c), (lb. $1.00),** postpaid.

JAPANESE PIE—A very valuable pumpkin of Japanese origin. The flesh is thick, of a rich salmon color, fine grained, dry and sweet. Very productive and highly desirable for pies or cooking. **(Pkt. 5c), (oz. 20c), (¼ lb. $35c), (lb. $1.00),** postpaid.

KENTUCKY FIELD—Large, round, flattened, hardy and productive. One to two feet in diameter. It has thick flesh of extra fine quality and is a splendid sort for family and market use as well as for stock feed. **(Pkt. 5c), (¼ lb. 35c), (lb. $1.00),** postpaid.

IMPROVED CUSHAW—This is a very fine large, smooth pumpkin, having a small seed cavity and fine grained flesh. It is excellent for pies and yields enormously. **(Pkt. 5c), (¼ lb. 50c), (lb. $1.50),** postpaid.

CONNECTICUT FIELD—The world-famous corn field pumpkin, grown principally for stock feed. The vines are of strong, vigorous growth and heavy bearers. Under favorable conditions the Connecticut Field will yield about 15 tons per acre. **(Pkt. 5c), (¼ lb. 35c), (lb. $1.00),** postpaid.

SEED POTATOES

PEERLESS—A most excellent variety, having the characteristics of producing few if any small potatoes, all the tubers being of market size. The Peerless has proven to be one of the best varieties for general conditions throughout the State, doing equally well in the Southern valleys and the higher altitudes. The yield is very large and the tubers are handsome in appearance, being oval and round. The flesh is pure white with a clean, smooth, pure white skin. **(10 lbs. $1.00), (25 lbs. $2.00),** postage extra. Ask for quantity prices.

PINK OHIO—This potato has pink, shallow eyes, medium size, of oblong shape. The meat is white and fine eating potato of uniformly even shape. **(10 lbs. $1.00), (25 lbs. $2.00),** postage extra. Write for quantity prices.

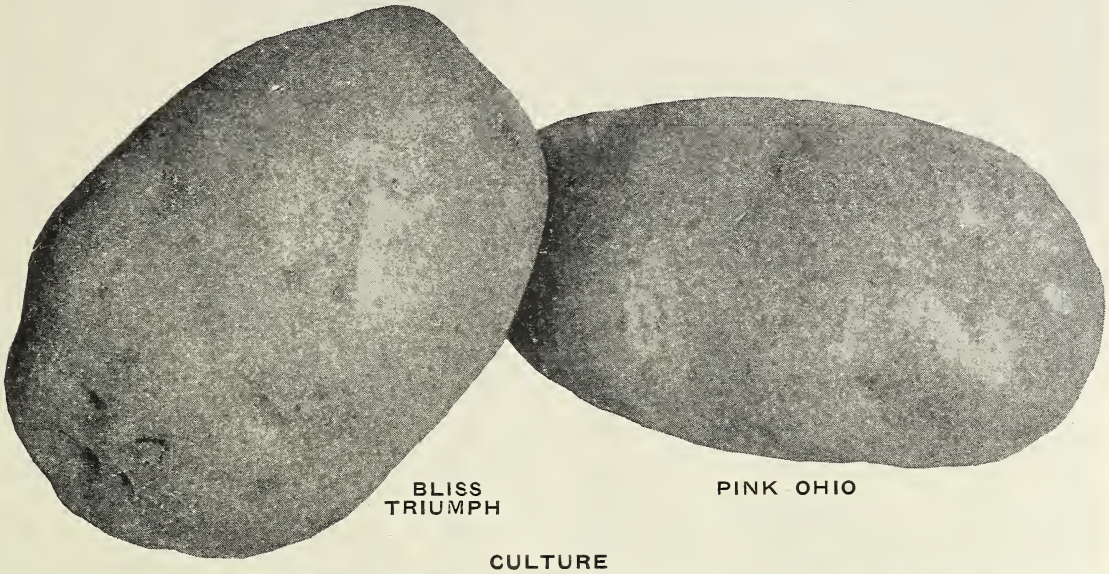
COCONINO RED or FLAGSTAFF—These potatoes have been the favorite with the largest growers in the Valley. It is a good producer, red skin and white flesh. Good shipper and keeper. Being late, it reaches a market usually depleted of potatoes. **(10 lbs. 80c), (25 lbs. $1.75),** postage extra. Ask for quantity prices.

PEERLESS POTATOES

(See page 29 for Potato Culture)

SEED POTATOES--Papas o Patata

Plant 600 lbs. to 800 lbs. to the acre



BLISS TRIUMPH

PINK OHIO

CULTURE

Potato planting in Arizona begins in the Southern valleys by January first and gradually works north until May first.

Prepare the ground by deep plowing, thoroughly pulverizing and fertilizing with well-rotted manure. A sandy loam, reasonably rich in organic matter, is considered the best soil for potatoes; however, any soil that is light and easily worked and contains a good supply of plant food will grow them successfully. Most of our soils lack proper bacteria for growing potatoes, and a green crop, preferably a legume, should be planted in the Fall and plowed under at least two or three weeks before potato planting begins.

Small whole potatoes are the best for our conditions; however, pieces of potatoes with one or two eyes do very well if the weather is not too cold. The great difference in temperature between night and day is rather hard on the vitality of cut seed.

We recommend planting about 3 or 4 inches deep and in hills 9 inches apart in 3-ft. rows.

Potatoes should be cultivated frequently, but should not be irrigated until absolutely necessary. There should be enough moisture in the soil before planting to carry the plants well along until the tubers are about the size of a walnut. This is very important.

(ASK FOR OUR BULLETIN ON POTATO CULTURE)

NOTICE

Potato prices are f. o. b. Phoenix. If they are wanted by mail, please add postage at zone rates. (See page 4). When ordering remit to us at the prices quoted here and we will fill your order at the market price prevailing the day it is received.

For 10- to 25-pound lots the parcel post rate is cheaper than express, but we recommend quantities of 50 pounds or more be sent by express or freight. If there is no agent at your station, please include prepay charges.

EARLY WHITE ROSE—Our entire stock of this potato is grown from select certified seed this year and they are a fine lot. The Early White Rose stands out conspicuously among all other varieties as an all round uniformly good yielder in any kind of soil. It has been produced successfully here for the past five years and is gradually gaining in popularity.

Our seed is extra quality, large, smooth potatoes, as nearly perfect as it is possible to get them. **(10 lbs. $1.00). (25 lbs. $2.00).** Ask for quantity price.

IRISH COBBLER—A very fine first early Potato of uniform size and good quality. Form oval and round, with a clean white skin and shallow eyes. Its strong growth, earliness, uniformity, large yield, fine quality and handsome appearance have made it a popular variety in all sections. **(10 lbs. $1.00), (25 lbs. $2.00.** Ask for quantity price.

BLISS TRIUMPH—A pink-skinned variety of extraordinary quality. Not the largest yielder, but it is the earliest potato we know of. The potatoes produced are of good size and of excellent quality. Under desert conditions, where moisture is not plentiful and a quick crop is necessary, the Triumph is very satisfactory. **(10 lbs. $1.00), (25 lbs. $2.00).** Ask for quantity price.

OUR SEED POTATOES BRING SMILES

(See page 36 for Sweet Potato Plants)

BUY THE BEST—WE DO

PEANUTS

THIS IS ONE HILL OF PEANUTS. GROWN NEAR PHOENIX

A GREAT AMERICAN FOOD

Plant more peanuts—they are one of America's best and cheapest foods. One pound of whole peanuts contains nearly one-half pound of fat and one-fourth pound of protein, while one pound of beefsteak yields less than one-third as much and one pound of eggs less than one-fifth that amount. The demand for peanuts as a food is increasing by leaps and bounds and great strides are being made in its culture and consumption. Thousands of acres are planted in the United States every year, the average yield being 34 bushels per acre.

Peanuts require a five to six months' growing season. In Southern valleys they should be planted in March or April, when danger of frost is over; they will then mature about September. It requires about 10 pounds shelled or 15 pounds of unshelled nuts to plant an acre. Plant about 20 inches apart in the row and the rows 3 feet apart. In irrigated districts plant level and gradually hill to row. Irrigate about three times per month during hot weather and cultivate after each irrigation.

SPANISH—The small variety used principally for hog feed and oil. **(lb. 35c), (10 lbs. $3.00),** Postpaid to 1st, 2nd and 3rd zones.

VIRGINIA BUNCH—The large variety used for roasting and for peanut butter. **(Lb. 35c), (10 lbs. $3.00).** Postpaid to 1st, 2nd and 3rd zones

HOW TO MAKE PEANUT BUTTER

Peanut Butter can be made at home by grinding the roasted peanuts through the food chopper several times, using the nut knife. Add salt to taste. This makes a paste which may be thinned with a little cream or milk if desired.

PEANUT SANDWICH FILLING

1 cup milk or water
1 tablespoon flour
½ tablespoon water
1 egg
1 teaspoon salt
1 tablespoon sugar
1 tablespoon butter or other fat
¼ cup vinegar
Red pepper
2 cups roasted peanuts ground fine

CREAMED PEANUTS AND RICE

1 cup rice (uncooked)
2 cups chopped peanuts
½ teaspoon paprika
2 teaspoons salt

White sauce:
3 tablespoons flour
3 tablespoons fat
3 cups milk (whole or skim)

Boil the rice and make a white sauce by mixing the flour in the melted fat and mixing with the milk. Stir over fire until it thickens. Mix rice, peanuts and seasoning with the sauce, place in greased baking dish and bake for 20 minutes.

PEANUT BRITTLE

1 cup white corn sirup
1 tablespoon vinegar
¼ teaspoon salt
1 teaspoon vanilla
1 cup freshly roasted peanuts, halved

Cook the corn sirup, vinegar and salt in a saucepan until a little dropped in cold water forms a soft ball. Put the peanuts and this sirup into an iron skillet and stir until the sirup becomes a golden brown. Remove from the fire and stir in vanilla. Have ready a shallow buttered pan, pour candy in and spread out in a thin sheet. Allow to cool, then remove from pan and crack into pieces.

BUY THE BEST—WE DO

(Let us quote you our best prices on FIELD SEEDS)

RADISH—Rabano

CULTURE

Radishes may be sown any month in the year in any good garden soil. One ounce of seed will sow about 100 feet of drill, or a bed of 40 square feet.

By planting a small turnip variety and a long one at the same time a continuation may be had with fewer plantings. Sow in drills ten inches apart. An ounce of seed will plant 100 feet of drill, 10 pounds to the acre.

EARLY SCARLET GLOBE—Similar to the Scarlet Turnip, except that it is larger. **(Pkt. 5c), oz. 20c), (¼ lb. 50c), (lb. $1.50),** postpaid.

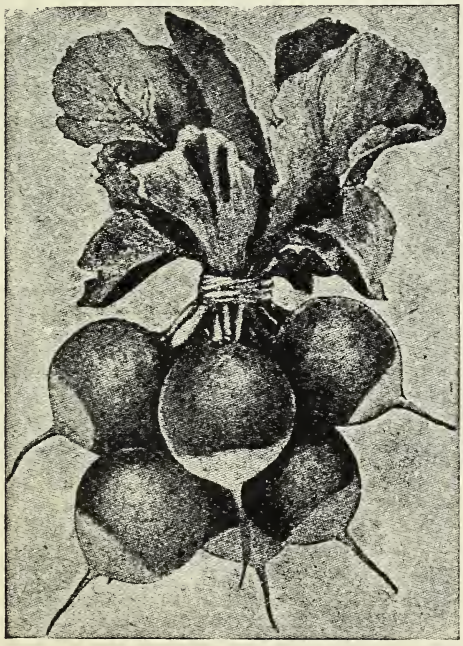
EARLY SCARLET TURNIP—One of the earliest and best sorts for forcing; its color is very handsome; flavor very mild, crisp and juicy; stands a great amount of heat without becoming pithy. **(Pkt. 5c), (oz. 20c), (¼ lb. 50c), (lb. $1.50),** postpaid.

EARLY LONG SCARLET—Very brittle and crisp; color a bright scarlet; small top. **(Pkt. 5c), (oz. 20c), (¼ lb. 50c), (lb. $1.50),** postpaid.

CHINA ROSE—A delicious radish, crisp, with little tendency to become pithy. A beautiful coloring from light red at the top to almost pure white at the tip. It is a good seller and is in great demand by the vegetable peddlers. **(Pkt. 5c), (oz. 20c), (¼ lb. 50c), (lb. $1.50),** postpaid.

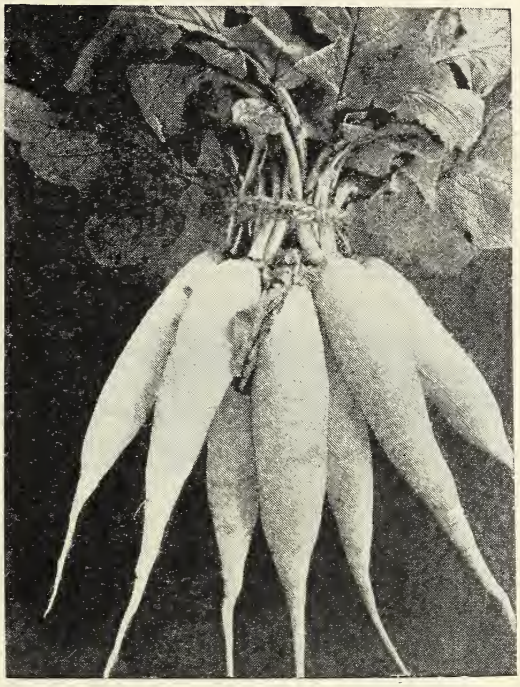
CALIFORNIA MAMMOTH—Pure white; the flesh is tender, sweet and crisp, keeps well. Plant from September 1 to January. **(Pkt. 5c), (oz. 20c), (¼ lb. 65c), (lb. $2.00),** postpaid.

MIXED RADISH—This mixture, consisting of almost every known variety of radish, is deservedly popular throughout the country because it grows radishes suitable to each season and to every condition of soil. You are sure to have them early, medium and late; small, medium and large—something all the time. **(Pkt. 5c), (oz. 20c), (¼ lb. 50c), (lb. $1.50),** postpaid.



WHITE TIPPED SCARLET TURNIP

(See page 58 for Canna Bulbs)



LONG WHITE ICICLE RADISH

WHITE TIPPED SCARLET TURNIP—An early variety, of medium size and excellent flavor, and of a very handsome appearance. **(Pkt. 5c), (oz. 20c), (¼ lb. 50c), (lb. $1.50),** postpaid.

LONG WHITE ICICLE—For the home garden we consider this a most excellent table variety. Its extreme earliness, beautiful pure white appearance, excellent flavor and crispness should make it a favorite everywhere. **(Pkt. 5c), (oz. 20c), (¼ lb. 60c), (lb. $1.75),** postpaid.

EPICURE RADISH—Ready for the table within three weeks; always crisp, a delightful relish. The small round red and white radishes make a pretty showing. **(Pkt. 5c), (oz. 20c), (¼ lb. 50c), (lb. $1.50),** postpaid.

CRIMSON GIANT—A variety combining earliness and great size. It grows much larger than other extra early varieties, but does not become pithy, even when twice as large in diameter and a week older. We recommend it highly. **(Pkt. 5c), (oz. 20c), (¼ lb. 50c), (lb. $1.50),** postpaid.

FRENCH BREAKFAST—A splendid variety, medium sized, olive-shaped, very crisp and tender; of a beautiful scarlet color. **(Pkt. 5c), (oz. 20c), (¼ lb. 50c), (lb. $1.50),** postpaid.

CHARTIERS—A distinct, exceedingly handsome and attractive sort; color white at the tip. Attains a large size before it becomes unfit for the table. **(Pkt. 5c), (oz. 20c), (¼ lb. 50c), (lb. $1.50),** postpaid.

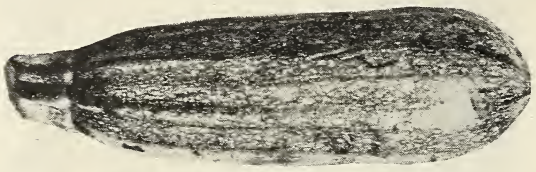
JAPANESE WINTER RADISH—This was introduced in the same manner as the Japanese Summer Radish, which it resembles except in size. It is more crisp and of better flavor in the Winter season. It is pure white, grows about eight inches long and not as tapering as the larger one. **(Pkt. 10c), (oz. 20c), (¼ lb. 85c), (lb. $2.50),** postpaid.

ROUND BLACK SPANISH—Skin black, flesh white, of firm texture. **(Pkt. 5c), (oz. 20c), (¼ lb. 40c), (lb. $1.00),** postpaid.

SQUASH—Calabaza

CULTURE

The squash is very tender; it is destroyed by frost, and the seed is apt to fail in cold ground; therefore it should not be planted until all danger of frost is past. Plant in hills five feet apart for bush varieties, and six to eight feet apart for vining varieties, putting six to eight seeds in a hill. When plants are strong, thin to three in a hill. Of the bush varieties, one ounce will plant 40 hills, and of the larger seeded sorts, about 15 hills Two to three pounds to the acre.



ITALIAN or ZUCCHINI SQUASH

GOLDEN HUBBARD—Similar to the Green Hubbard except in color, which is a deep orange. Flesh deep golden yellow, fine grained; cooks dry and is of excellent flavor. (Pkt. 5c), (oz. 20c), (¼ lb. 65c), (lb. $2.00), postpaid.

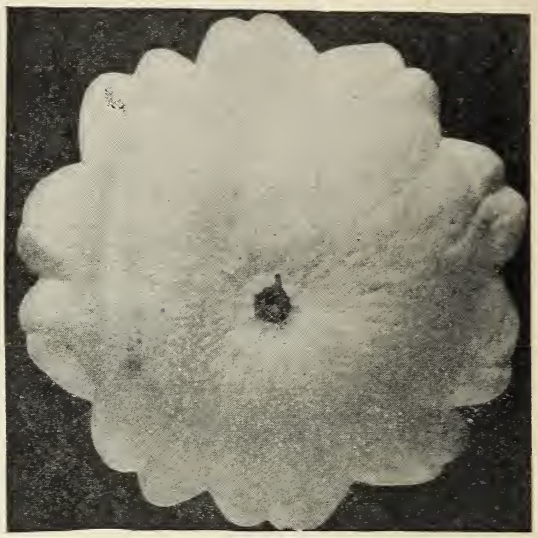
FORDHOOK—One of the best late Summer varieties. Will keep well for months if stored in a cool, dry place. Thick skin of a bright yellow color; heavy meat that can be used at any stage of growth; fruits oblong in form, 8 to 10 inches in length; slightly ridged. (Pkt. 5c), (oz. 20c), (¼ lb. 60c), (lb. $1.75), postpaid.

SQUASH—SUMMER CROOKNECK

MAMMOTH SUMMER CROOKNECK—A small, crook-necked Summer squash; skin bright yellow, covered with warty excrescences. Very early, productive and of excellent flavor. (Pkt. 5c), (oz. 20c), (¼ lb. 50c), (lb. $1.50), postpaid.

MAMMOTH CHILI—Grows to immense size, often weighing over 200 lbs.; very productive. (Pkt. 5c), oz. 20c), (¼ lb. 50c), (lb. $2.00), postpaid.

PIKE'S PEAK—An old variety that deserves all the good things that are said about it. It is preferred to any other by those who know it. Good keeper and excellent for pies. (Pkt. 5c), (oz. 20c), (¼ lb. 50c), (lb. $1.50), postpaid.



WHITE BUSH SQUASH

EARLY WHITE BUSH SCALLOPED—The most popular squash because of its earliness and productiveness; skin and flesh a light cream color. A general favorite. (Pkt. 5c), (oz. 20c), (¼ lb. 45c), (lb. $1.25), postpaid.

IMPROVED HUBBARD

IMPROVED HUBBARD—Best Winter variety, vigorous and productive. Fruit large, weighty, moderately warted, hardshell; color dark bronze green. A fine-grained, thick, dry, richly flavored, orange yellow flesh. Baked it is similar to and as luscious as a sweet potato. (Pkt. 5c), (oz. 20c), (¼ lb. 65c), (lb. $2.00), postpaid.

ITALIAN or SUCCHINI SQUASH

ITALIAN or ZUCCHINI SQUASH—Is a bush variety and should be planted five feet apart. It should be used when quite young. When stewed it has a rich, creamy flavor not equalled by another squash. Some gardeners have made considerable money making a specialty of it. For the family garden we would recommend its use instead of the small white bush scallop, because of the excellent flavor and it is much more prolific. Try a packet or an ounce and be convinced of the delicious flavor. (Pkt. 10c), (oz. 25c), (¼ lb.), (lb. $2.50), postpaid.

Recipes for Preparing Italian Squash

FLORENTINE—Raw, cut in dice, about ¼ inch. Season with salt and pepper. Dip in flour and then raw egg. Fry in skillet with olive oil and serve with drawn butter.

MORNAY—Cut in small squares about one inch. Boil for about one minute in salted water. Drain on a colander. Put in baking dish. Cover with cream sauce and a little Parmesan cheese and butter. Bake in oven until done.

JULIENNE—Cut in Julienne (like French fried potatoes), dip in milk, and then in flour. Fry in very hot grease. Season and serve.

SPINACH

Should be planted in drills 12 to 18 inches apart, and for a succession every two weeks; as it grows, thin out or use, keeping clean of weeds. Sow from September 1 to April; one ounce of seed to 100 feet of drill; 20 pounds to the acre.

PRICKLY SEEDED WINTER—A splendid Fall or Winter variety, thriving in the coldest weather. It is the leading sort for market gardeners in the Salt River Valley. **(Pkt. 5c), (oz. 15c), (¼ lb. 30c), (lb. 75c)**, postpaid.

NEW ZEALAND—For greens in the Summer and Autumn this variety is making a fine record in the Salt River Valley. We have several reports of its having grown through the entire Summer, maintaining a rich green color until the top growth is killed by frost. Roots allowed to stand until Spring will give new growth. **(Pkt. 10c), (oz. 25c), (¼ lb. 75c), (lb. $2.00)**, postpaid.

BLOOMSDALE—A valuable variety which is being more extensively grown each year. Upright in growth, producing a cluster of large thick leaves. Several crates were shipped East with lettuce the past season, and it brought top-notch prices. We recommend it highly. **(Pkt. 5c), (oz. 15c), (¼ lb. 30c), (lb. 75c)**, postpaid.

RHUBARB

In the higher altitudes sow the seed any time from March 1 to July 1, in drills two feet apart. Transplant at any time when the roots are large enough.

CRIMSON WINTER—Price: (Pkt. 10c), (oz. $1.20), (¼ lb. $4.00), (lb. $12.00), postpaid.

SALSIFY

Sow the seed in February and March in drills one foot apart and one inch deep, thinning out plants to four inches. One ounce of seed will plant 50 feet of drill.

MAMMOTH SANDWICH ISLAND—A large and superior variety, mild and delicately flavored. **(Pkt. 10c), (oz. 30c), (¼ lb. 90c), (lb. $2.75)**, postpaid.

PLANT A GARDEN

Here is a fair example of what may be accomplished with a backyard garden. Besides supplying the family table with fresh vegetables, this garden returned a net profit of more than $100.00 for one-half the year and furnished green feed for a pen of hens that have paid for their feed and kept the family supplied with eggs for a year. One hour a day will care for a garden this size, and it will be healthful exercise for all members of the family. Get the garden spirit. Be self-supporting. Plant a Garden.

(Plant our Mammoth Zinnias)

BUY THE BEST—WE DO

TOMATOES--Tamata

PHOENIX SPECIAL

PHOENIX SPECIAL TOMATO

This grand Tomato was introduced into the Salt River Valley five years ago, and has constantly grown in popularity until it is today one of the tried and true varieties in most every market garden. The color is a bright purple scarlet, almost globular in shape, slightly flattened at stem and blossom ends. It is very productive and quite early, producing large fruits which are protected from the sun by ample foliage, thus eliminating the loss of so many fruits from sun scalding. **(Pkt. 10c), (oz. 60c), (¼ lb. $2.00), (lb. $6.00),** postpaid.

CULTURE

Tomatoes do best on light, warm, not over-rich soil, and success depends upon securing a rapid, vigorous and unchecked growth during the early part of the season. Sow in hot beds from 6 to 8 weeks before they can be set out of doors, which is when danger from frost is past.

Transplant three to six feet apart in rows four to six feet apart, according to variety—three feet for those varieties of upright growth, as the Dwarf Champion, and six feet is not too far apart for vining varietiess which will soon cover the ground solidly. The soil should be plowed and pulverized to a depth of 10 or 12 inches, the deeper the better, in order that the roots may keep in the cool earth, for as soon as the roots are heated by the hot, dry soil near the surface, the plant quickly sickens and dies, and the grower can see no cause for it. We recommend the Earlianna for an early market tomato. One ounce of seed should produce 2,000 plants.

CHALK'S EARLY JEWEL—A bright scarlet tomato, thick flesh, solid, of medium size, and very fine flavor. One of the best cropping medium early varieties. **(Pkt. 10c), (oz. 40c), (¼ lb. $1.35), (lb. $4.00),** postpaid.

DWARF STONE—The fruits are larger than those of the Dwarf Champion, and nearly as large as the original Stone. It is very prolific, smooth, and ripens early. The color is bright red. On account of its erect habit of growth plants may be set as close as 18x24 inches. **(Pkt. 10c), (oz. 40c), (¼ lb. $1.35), (lb. $4.00),** postpaid.

DWARF CHAMPION—Commonly called the Tree Tomato. Quite early, fruits medium large; color purplish pink and always round and smooth. **(Pkt. 10c), (oz. 50c), (¼ lb. $1.65), (lb. $5.00),** postpaid.

(See page 36 for Tomato Plants)

TOMATOES—Tamata

ROYAL RED

A SOLID RED TOMATO

At last we have succeeded in perfecting a Solid Red Tomato that will produce a heavy yield under Arizona climatic conditions. This tomato is a second early, has heavy foliage to protect the fruit from the hot sun and produces very large, smooth tomatoes. It will yield equally as well as our Phoenix Special and is of the same quality, except that it is pure red, which makes it an all-purpose tomato—home, market, cannery, etc.

(Pkt. 10c), (oz. 60c), (¼ lb. $2.00), (lb. $6.00), postpaid.

PONDEROSA or BEEFSTEAK—A very large, purple tomato with few seeds and of excellent flavor. Our strain is round and smooth—not the usual oblong wrinkled kind. It is favorite for the home garden, for which purpose we have on hand from March 1 until June extra fine, large, strong transplanted plants. **(Pkt. 10c), (oz. 60c), (¼ lb. $2.00), (lb. $6.00),** postpaid.

PONDEROSA or BEEFSTEAK

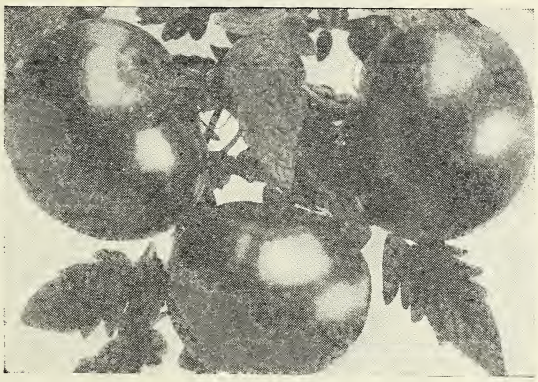
JUNE PINK—The most popular extra early tomato grown in the South and East. It is very prolific. **(Pkt. 10c), (oz. 40c), (¼ lb. $1.35), (lb. $4.00),** postpaid.

LIVINGSTON'S BEAUTY—A large purple scarlet tomato, producing fruits in clusters of 4 to 6, is large, of perfect shape and retains its size until late in the season. It ripens early, has firm flesh, of excellent quality, and the seed cells are very small. For shipping it may be picked quite green; will ripen up nicely and keep in perfect condition for a week after becoming fully ripe. **(Pkt. 10c), (oz. 50c), (¼ lb. $1.65), (lb. $5.00),** postpaid.

NEW STONE—The largest, bright red, perfectly smooth, highest yielding, best keeping, finest flavor, main crop variety. Growers everywhere recognize the merit of the New Stone. It is now 25 years since it was introduced and it is still growing in favor. Skin is bright scarlet, perfectly smooth and tough enough to stand shipment. **(Pkt. 10c), (oz. 40c), (¼ lb. $1.35), (lb. $4.00),** postpaid.

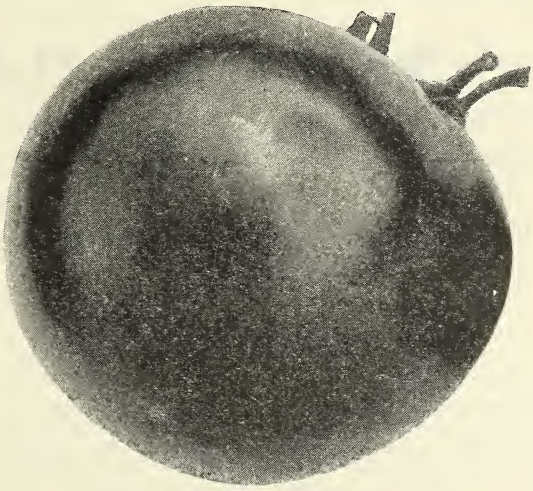
SELECT ACME—One of the best early purple fruited tomatoes. It is a very prolific sort. Fruits are produced in clusters of four to five; are of medium size and free from cracks. They are solid, and will stand long distance shipping. The quality is fine. **(Pkt. 10c), (oz. 45c), (¼ lb. $1.25), (lb. $4.50),** postpaid.

(Feed Blatchford's Milk Mash to your Baby Chicks. See page 75)



ROYAL RED

EARLIANA—A verp popular extra early red, of compact growth. Yields well and the fruit is solid and of fine quality. **(Pkt. 10c), (oz. 40c), (¼ lb. $1.65), (lb. $5.00),** postpaid.



EARLIANA

Small Fruited Tomatoes

EXCELLENT FOR PRESERVES

HUSK TOMATO—Plants of low spreading growth and immensely productive. The small fruits are each enclosed in a husk. They are highly esteemed for preserves or pies. **(Pkt. 10c), (oz. 75c),** postpaid.

RED CHERRY—Small fruits of bright scarlet, borne in clusters. They are very productive and of fine quality. **(Pkt. 10c), (oz. 75c),** postpaid.

YELLOW PEAR—This is a leading favorite for preserves. The fruit is bright yellow and pear-shaped. The flavor is rich and distinct. **(Pkt. 10c), (oz. 60c),** postpaid.

TURNIPS—Nabo

PURPLE TOP GLOBE

PURPLE TOP STRAP LEAVED—More generally planted than any other variety. It is a quick grower; the flesh is very fine grained and sweet flavored. (Pkt. 5c), (oz. 20c), ¼ lb. 35c), (lb. $1.00), postpaid.

SNOWBALL—Medium size, round turnip; pure white, very fine flavor. (Pkt. 10c), (¼ lb. 40c), (lb. $1.25), postpaid.

CULTURE

Sow from September 1 to March 1, broadcast if in loose loamy soil, otherwise in drills ten inches apart and cultivate. One ounce of seed will plant 75 feet of row, or three pounds will broadcast an acre.

RUTABAGA, PURPLE TOP, YELLOW—The best variety of Rutabaga in cultivation; hardy and productive; flesh yellow and well flavored; shape slightly oblong; color deep purple above and bright yellow under the ground. (Pkt. 5c), (oz. 20c), (¼ lb. 40c), (lb. $1.25), postpaid.

PURPLE TOP WHITE GLOBE—This is one of the handsomest and most salable turnips. Very desirable for either home or market gardens. It is large, globular shaped; flesh pure white; crisp and tender. On account of its shape it will outyield any other crop and is always a sure cropper. (Pkt. 5c), (oz. 20c), (¼ lb. 35c), (lb. $1.00), postpaid.

WHITE EGG—Of very rapid growth; solid, firm, fine-grained flesh of sweet, mild flavor. It grows to a good size, and is excellent, early or late. (Pkt. 5c), (oz. 20c), (¼ lb. 35c), (lb. $1.00), postpaid.

EARLY WHITE FLAT DUTCH—A most excellent early garden variety. Medium-sized, flat; color white, very early; sweet and tender. It is desirable for table use when small. (Pkt. 5c), (oz. 20c), (¼ lb. 35c), (lb. $1.00), postpaid.

GOLDEN BALL—Rich, sweet, yellow flesh; of quick growth and keeps well. (Pkt. 5c), (oz. 20c), (¼ lb. 40c), (lb. $1.25), postpaid.

VEGETABLE PLANTS AND ROOTS

Owing to the expense of packing small plants for shipment by mail or express, we must request that your order for plants amount to not less than one dollar.

On account of the perishable nature of plants, subject to delay in transit and quarantine regulations, we prefer to deliver all plants at the counter in our store, but when necessary to send via mail or express, it must be understood that we do so at the buyer's risk.

We do not ship plants C. O. D.

ASPARAGUS ROOTS

WHY NOT HAVE AN ASPARAGUS BED?

The arid Southwest is admirably adapted to the growing of asparagus. Every back-yard garden should have a small bed of it. It is no trouble to grow and it's mighty fine eating in the Spring of the year. Set plants in rows two feet apart and about ten inches apart in the rows, or about 100 plants to 10x20. If 2-year-old plants are planted, tips may be cut the second year. Set the plants early in trenches 8 or 10 inches deep and fertilize well. In the Fall, after frost, cut the dead tops and mulch heavily. Roots in stock from January 1 to June 1. Price, 2-year-old roots, (per doz. 50c), ($3.00 per 100), postpaid. Write for quantity price.

CABBAGE PLANTS—We have early and late varieties of cabbage plants from September 15 to June 1. Prices here are postpaid. (Doz. 20c), (100, $1.00). Write for quantity prices.

CAULIFLOWER PLANTS—Our cauliflower plants are grown from our best acclimated seed. We have them from about October 1 to April 15. (Doz. 25c), (100, $1.25), postpaid.

EGG PLANT—We have these only during the Spring season, about March 15 to June 1. On receipt of plants they should be put in water and revived before transplanting. (Doz. 35c), (100, $2.00), postpaid.

PEPPER PLANTS—Chinese Giant, Anaheim Chili and Pimiento ready about March 1. (Doz. 25c), (100, $1.50), postpaid.

SWEET POTATO PLANTS—These are ready usually about April 1 and we have them until June 15. In ordering more than 100, it is best to have them sent by express. (Doz. 20c), (100, $1.00), postpaid. Please write for prices on larger quantities.

TOMATO PLANTS—Our stock of tomato plants is grown from our acclimated seed and they are good producers. We have early and late varieties, but recommend our Phoenix Special. (Doz. 20c), (100, $1.00), postpaid. Write for quantity prices.

RHUBARB ROOTS — Crimson Winter — A very large growing sort and of excellent quality. Small roots (10c each), ($1.00 per dozen. Two-year-old roots, (20c each), ($2.00 per dozen), postpaid.

HAIRY PERUVIAN ALFALFA

Superior to All Others.
Produces Two to Three Tons More Hay per Acre

CUTTING CACTUS BRAND HAIRY PERUVIAN IN DECEMBER

At the present price of Alfalfa Hay in the Salt River Valley, an increased yield of two to three tons of hay per season is well worth while. Just push your pencil a little and figure it for yourself, or ask any County Agent or any farmer who is growing Hairy Peruvian. We consider it as far superior to the old varieties as Pima Cotton is superior to the common short staple.

Hairy Peruvian Alfalfa is particularly adapted to a climate such as we have in Southern Arizona and California. Due to its frost resistance, it enjoys a long growing season, beginning its spring growth very early and growing throughout the Winter in favored sections. It produces a greater number of leaves than any other variety, thus making a most highly nutritious hay. It revovers quickly from cutting and grows very rapidly.

Hairy Peruvian is distinctly an Arizona product. It is grown almost exclusively in this Valley now and has proved to be all that was ever claimed for it. Our seed fields are selected and rogued by experts who are thoroughly familiar with the work of growing pure seed, and it is with a great deal of pride that we offer what we consider the best strain of seed on the market. This is the first year we have had what we consider an ample supply of seed. The demand has always far exceeded the supply, but we are prepared this year to fill orders large and small.

We would suggest that you inoculate your seed with Mulford Culture, as this will materially increase your yield the first year. Plant 15 pounds to the acre. Cactus Brand Hairy Peruvian, **(1 lb. 60c), (10 lbs. $5.00)**, postpaid. Ask for prices on larger quantities.

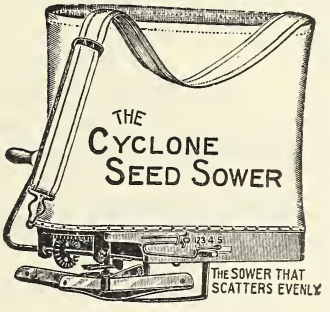
CHILIAN ALFALFA

CHILIAN ALFALFA—Recommended for Northern Arizona and similar climates. We grow this variety for the Eastern market, and ship carlots to Colorado, Kansas and Eastern States every year. It is the variety commonly grown in cold climates. Our seed is thoroughly recleaned and of the best grade. **(1 lb. 45c), (10 lbs. $3.50), (25 lbs. $8.00)**, postpaid.

CYCLONE SEEDER

Thirty to 40 acres of alfalfa, millet, etc., can be sown in a day with this little machine. It broadcasts evenly and can be used with perfect success.

Each, $2.50 by mail, postpaid.



(See pages 60 to 64 for Nursery Stock)

Inoculate Your Alfalfa, Clovers, Cow Peas, Soy Beans, Vetches, Sweet Peas, Garden Peas and Beans and other legume crops with

Mulford Cultures
FOR LEGUMES

Small Cost Large Returns

Alfalfa plant on left not inoculated. Plant on right inoculated with Mulford Culture for Alfalfa. All other conditions identical. This contract speaks fot itself.

Easy to Use No Labor Expense

MULFORD CULTURES contain pure, tested strains of active, vigorous nitrogen-fixing bacteria, for inoculating seeds of legumes or soil. Enormous numbers of these very valuable and desirable bacteria are thus available to you in every package of Mulford Culture and may readily be applied to your seed. The sealed bottle insures purity.

Increase Your Crops Improve Your Soil

Legumes offer the best-known means of maintaining soil fertility and rejuvenating overcropped and worn-out fields. They add both humus and nitrogen to your soil and thus increase your yield of wheat, cotton, corn and other non-legume crops.

The U. S. Department of Agriculture and many State Agricultural Experiment Stations recommend inoculation of legumes with nitrofixing bacteria to induce a prompt "catch" and increase your yield.

Mulford Cultures are scientifically prepared and tested by experts in the biological laboratories of H. K. Mulford Co., Philadelphia, U. S. A., with the same degree of care as Mulford Antitoxins, Serums, Vaccines, etc., which are standard all over the world.

Always specify on your order what crop you want to inoculate, as there is a different strain of bacteria for each legume.

ALFALFA	COW PEAS	SWEET PEAS
SWEET CLOVER	SOY BEANS	GARDEN PEAS
WHITE CLOVER	CANADA FIELD PEAS	GARDEN BEANS
RED CLOVER	PEANUTS	LIMA BEANS
YELLOW CLOVER	VETCH	

PRICES

MULFORD CULTURES are supplied for the varieties of legumes listed, at the following prices:

		Postpaid
5-Acre Size, $5.00	("Dollar per Acre")	$5.15
1-Acre Size	$1.50	1.60
¼-Acre Size	.75	.80
Small Size (Supplied only in 3 varieties, for Garden Peas, Garden Beans and Sweet Peas)	.35	.40

We furnish Garden Peas and Beans in ¼ acre and garden size only, and Sweet Peas in garden size only.

Why buy expensive commercial nitrates when you can grow legume crops and thus increase your yield, and, at the same time, increase the nitrates and enrich and renovate the soil, by Nature's own method? FREE DESCRIPTIVE FOLDER SENT UPON REQUEST

AVONDALE MAIZE

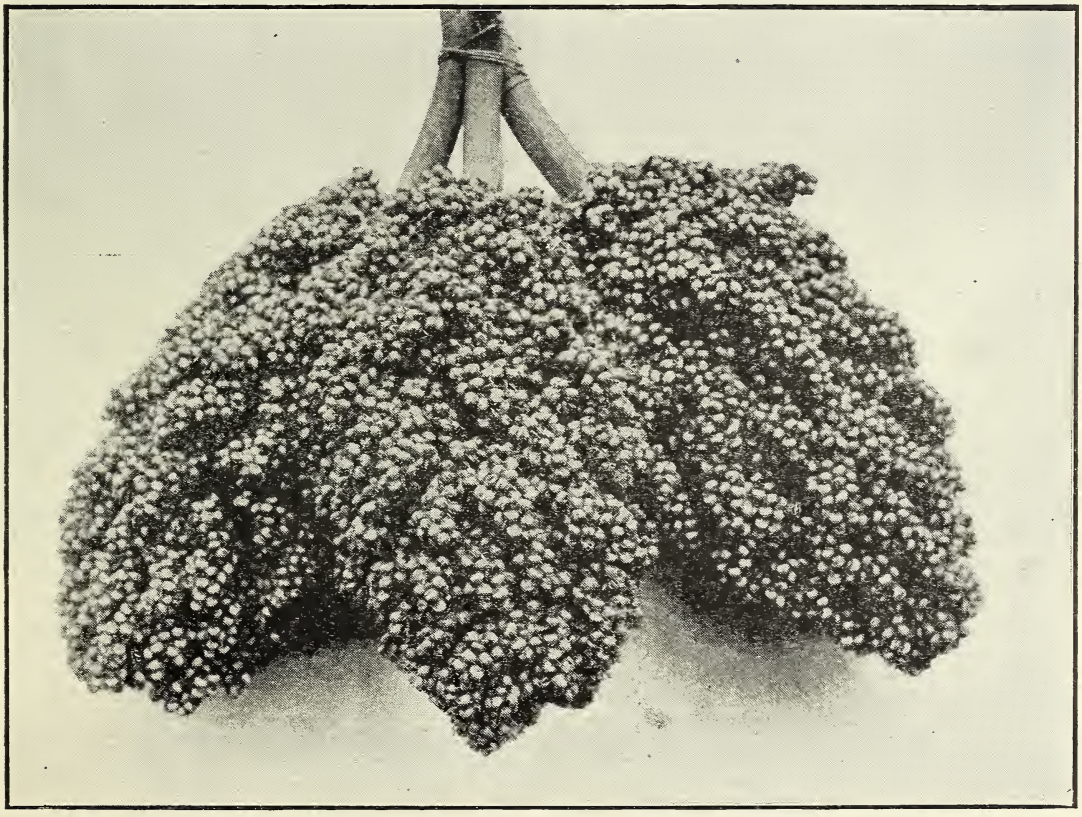
The Greatest Grain Sorghum

AVONDALE MAIZE is a distinct strain of highly selected and field rogued maize. It should be planted at the rate of 2½ to 3 pounds to the acre in drills 3 feet apart. Planting this quantity requires two seeds to be dropped every 24 inches, which distance will allow for stooling. In our yearly experiments we have noted that if **Avondale Maize** is given room the result is usually a stool of from three to seven stalks, each bearing a large well-filled head; while on the other hand, if it is crowded the tendency is to grow to a greater height and the heads are smaller, thereby making harvesting more difficult and more expensive. The usual custom is to plant with a lister, on previously irrigated land, with sufficient moisture to germinate the seed. The first cultivation may be with a harrow, to be followed later by an implement that will gradually fill the lister row and leave a dust mulch.

This seed has been rogued and hand-picked in the field selected, re-cleaned and thoroughly screened, thereby eliminating all small, imperfect and immature seeds.

The common tendency is to plant too much seed per acre, therefore we urge you to follow these directionss closely and obtain maximum results.

(Per lb. 15c), (5 lbs. 50c), (10 lbs. 80c), (50 lbs. $3.50), (100 lbs. $6.00),
Express or postage extra.



ARIZONA DWARF MILO MAIZE—Hand Selected

ARIZONA DWARF is a wonderful strain of dwarf Milo Maize. This is a heavy producing, highly selected strain growing shoulder high and very uniform, thereby making a crop which is easily harvested. By listing 3 pounds to the acre it produces large well-filled heads that give us the maximum yield we are all looking for. Our method of thoroughly recleaning and screening our seed stock eliminates all small and immature seed. **Arizona Dwarf** should be planted and cultivated in the same manner as our famous Avondale Milo Maize. **(Per lb. 15c), (10 lbs. $1.00),)50 lbs. $4.50), (100 lbs. $8.00).** Express or postage extra. See page 4 for zone rates.

AVONDALE HEGARI

GRAIN AND FORAGE COMBINED

Our Avondale Hegari is Systematically Grown, Selected and Recleaned for Seed

Have you noticed the wonderful results obtained from our strain of Avondale Hegari? Results obtained from our experiments during the past season were so gratifying that not a doubt remains but what Hegari is one of the most reliable and profitable crops for the Arid Southwest.

Unlike most other grain sorghums, Hegari not only produces a heavy crop of grain, but because of the sweet juicy stalk and foliage it has the added feature of making good pasture or roughage. The heads mature in about 115 days from planting and the stalks remain green much longer, making excellent forage, which all kinds of stock relish and which they will eat to the ground. The average grain yield of Hegari seems to be about 4,000 pounds of threshed grain per acre, and we think with our selected seed and good cultivation that this yield may be materially increased. Hegari grows about five feet high, produces a long, well-filled, white head, resembling Milo Maize. It should be planted in rows three feet apart at the rate of three pounds to the acre. It is drouth resistant, but will respond wonderfully to cultivation and irrigation.

Our seed is grown from head selected stock and is systematically rogued in the field. The photograph above speaks for itself. Compare it with other fields you saw the past season and judge for yourself whether or not it pays to plant properly selected seed. The cost of planting **AVONDALE HEGARI** is very small, and taking yield into consideration, it would be expensive to plant any other.

Per lb. 15c; 5 lbs. 50c; 10 lbs. 80c; 50 lbs. $3.50; 100 lbs. $6.00

Postage or express extra.—See page 4 for zone rates.

EGYPTIAN CORN—This is also one of the drought resisting non-accharine crops. The grain is produced in large compact heads and the seed is flat and pure white. This seed is used very extensively as a chicken feed and also ground into flour which is used for edible purposes. **(Lb. 20c), (10 lbs. $1.75)**, postpaid.

FETERITA—This sorghum was recently secured from the Sudan, where it is commonly grown under the name Feterita, an early maturing plant valued both for grain and forage. It resembles Milo in habit, except that the heads are uniformly erect, seeds bluish white in color. In drouth resistance it compares favorably with any sorghum yet introduced. Sow 8 pounds to the acre. **(Pound, 20c), (10 lbs. $1.75)**, postpaid.

SUDAN GRASS

FOR PASTURE OR HAY

For quick Summer pasture, Sudan Grass surpasses anything in the grass line. Planted as soon as danger of frost is over in the Spring, it may be pastured in forty to fifty days after planting and continuously thereafter until frost kills it in the Fall.

It is relished by all stock and as a milk producer has few equals. Broadcast it requires 25 pounds of seed to sow an acre. Our seed is produced outside the Johnson Grass belt and is first class in every respect. **(Per lb., postpaid, 25c), (10 lbs., postpaid, $2.00).** Ask for quantity price.

BERMUDA GRASS

May be used for pasture or for lawn in Southern climates. Most everyone is familiar with this grass. It requires three weeks under favorable conditions to germinate Bermuda Grass and it should be kept thoroughly soaked during that time. Insufficient water will simply start the seed and kill the tiny roots before the plant can establish itself. Be careful about this. Plant for lawn 1 pound to 500 square feet. **(Lb. $1.00), (10 lbs. $8.50),** postpaid. Write for quantity price.

RED TOP PASTURE GRASS

Another pasture grass for the higher altitudes. Succeeds on all soils from moist to swampy land, making a permanent pasture, and furnishing a highly nutritious feed. Hulled seed. Sow 15 pounds per acre. **(Lb. 40c), (10 lbs. $3.50),** postpaid. Write for quantity price.

(See page 46 for LAWN GRASS)

TIMOTHY

Much Timothy is sown in our higher altitudes throughout the Southwest, where it is quite successful. We carry a stock of acclimated seed for this section and would be glad to send samples and quote prices on request. It requires 15 pounds per acre when sown alone. **(Lb. 35c), (10 lbs. $3.00),** postpaid. Write for quantity price.

ORCHARD GRASS

A valuable pasture grass for the higher altitudes of Arizona; produces an immense quantity of forage and hay of the best quality. After being cut it comes up quickly and yields heavily. Sow 35 pounds per acre. **(Lb. 60c), (10 lbs. $5.00),** postpaid. Write for quantity price.

RHODES GRASS

A Perennial Pasture and Hay Grass

CULTURE

First a very fine seed bed must be prepared as the seed is light and requires careful attention. Plant it in drills eighteen inches apart, using a cotton planter or similar drill which will cover it lightly, then run the water slowly over it; keep it wet until the seed germinates. If you have no cotton planter or drill, select a still day and broadcast the seed evenly, then cover very lightly with a plank sled or brush. Now build a corrugator of six or eight 2x4s 10 feet long; round the front ends the same as sled runners and fasten together 18 inches apart in the form of a sled and corrugate the seed bed. Run the water slowly through these corrugations and keep it wet until the grass is up about ten days, then you will have no more trouble.

Demonstrations the past season have proved that Rhodes Grass will grow luxuriantly on land that is so saturated with alkali that many other crops will not grow at all. It is very satisfactory under dry land conditions and makes excellent hay or pasture. It is perennial, but does not spread by root stocks in the ground. therefore is easily killed by plowing and will not become an everlasting pest. It requires about five pounds to the acre, either broadcast or in 18-inch drills.

(Lb. 90c), (10 lbs. $3.00), postpaid. Ask for quantity price.

BROME GRASS—*Bromis Inermis*

A WONDERFUL DROUTH RESISTANT GRASS

Recent experiments are proving that this grass is most satisfactory in all localities where arid soils demand a plant that will stand the drouth. Its nature is to stool and it seldom produces seed the first year. We think it will prove an excellent pasture grass for general range purposes. (Lb. 60c), (10 lbs. $5.50), postpaid. Write for quantity rice.

SWEET CLOVER—*Melilotus Alba*

or WHITE BLOSSOM SWEET CLOVER

This wonderful legume is gradually earning its way. Small fields here and there in various parts of the state have proven highly satisfactory as a catch crop for pasture and particularly has it been demonstrated that it will absolutely outgrow Bermuda and Johnson Grass. It resembles Alfalfa in appearance, habit of growth and in food content. It thrives in a variety of soils, growing well in almost pure sand and in the hardest adobe, and adapts itself to almost all conditions of climates. It is used for hay, pasture and green manure as well as fertilizing and renovating worn-out and alkaline soils. It may be killed when desired by mowing when in bloom. Sow in the Spring or Fall at the rate of 20 to 25 pounds to the acre. (Scarified Seed, per pound, 50c; 10 lbs., $4.00), postpaid. Write for quantity prices.

BUY THE BEST—WE DO

(Inoculate your Clover Seed with "Mulford Culture")

COVER CROP OR SOIL RENOVATORS

BUILD UP YOUR SOILS AND INCREASE YOUR YIELDS WITH A COVER CROP

"If your land is lumpy and dry, lacking life, it needs humus and nitrogen.
"If your soil is sandy and fails to retain moisture, it lacks humus and nitrogen.
"If your soil is of adobe and bakes and crusts readily, it needs humus and nitrogen.".

MELILOTUS INDICA

A CLOVER NATIVE TO THE SALT RIVER VALLEY

MELILOTUS INDICA is the best **legume** with which to build up your soil. It is easily plowed under and very rich as a fertilizer. As a cover crop in citrus groves it has no equal. We offer only the best quality, thoroughly recleaned and scarified seed. **(Per lb. 25c), (10 lbs. $2.00),** postpaid. Write for quantity price.

VETCH—A plant resembling pea vines and valuable for forage or green manure. As a hay crop, it is usually sown with oats or wheat to hold them up. Sow 40 pounds per acre with grain. Is hardy and makes a fine Winter growth. Largely planted in the orange groves of the South for green manure, and plowed under in the Spring. **(Lb. 30c), (10 lbs. $2.00),** postpaid. Write for quantity price.

PEANUTS—A valuable soil renovator to sow in young orchards as a pay crop until the orchard comes into bearing. See page 30.

MELILOTUS ALBA, or White Blossom Clover. See page 42.

FIELD PEAS AND BEANS

WHIP-POOR-WILL COW PEAS

As a soil renovator and a fertilizer the Cow Pea is in a class by itself. The heavy cropping of our soil year after year necessitates careful crop rotation to keep the land fertile and in good producing condition, and the Whip-poor-Will has proven one of the best varieties for this purpose in the Arid Southwest. Makes a heavy vining growth, forming a mat three to five feet deep on the ground. It may be plowed under as a green manure crop, pastured, or cut for hay. On extremely heavy soils, where humus is decidedly lacking, it is far better to plow under the entire crop, but even though it is cut for hay or is pastured, the store of nitrogen resulting from the crop will add not less than 20 per cent to the succeeding crop, whatever it may be. Cow Peas are easily germinated in mid-summer in our Southern valleys and this is one reason for their popularity. They should be planted at the rate of 30 pounds to the acre, in rows 3 feet apart, and should by all means be inoculated with a good nitrogen fixing bacteria. We have Mulford Culture for this purpose and will explain its merits fully to those seeking further information. **Cow Peas, (Lb. 25c), (10 lbs. $2.00),** postpaid. Ask for quantity price.

SOY BEANS

Soy Beans are one of the best soil improving crops. They have an upright habit of growth, making them desirable for planting with corn, etc. Experience has taught us that they are more difficult to germinate during the extremely hot season in our Southern valleys, but for higher altitudes and cooler climates we recommend them highly. Like Cow Peas, they should not be planted without inoculation. **(Lb. 25c), (10 lbs. $2.00),** postpaid. Write for quantity price.

BLACK-EYED PEAS

We have found that this variety does better in this section than in any other. It is easy to grow, does well, and produces more dry peas and more vine than any of the varieties we have yet tried. It cannot be excelled as a crop for turning under for fertilizing. Also makes very valuable hay crop. **(Lb. 25c), (10 lbs. $2.00),** postpaid. Write for quantity prices.

CANADIAN FIELD PEAS

A Great Winter Cover Crop For Our Southern Valleys

Under climatic conditions similar to the Salt River Valley, the Canadian Field Pea will grow throughout the Winter. They make excellent hay and should be cut when just forming pods. While Winter Stock Peas have not been grown to any great extent in the Southern valleys, they are not an experiment. Various tests have proven that they may be successfully grown, and since they are one of the Legumes or Nitrogen Gathering plants, they should be planted extensively. Frequently it is not possible to arrange crops to include a Summer Legume like Cow Peas and the Winter crop will be found a most satisfactory one to turn to. Like Cow Peas and Soy Beans, they should be inoculated. Plant 40 pounds to the acre. **(Lb. 25c), (10 lbs. $2.00),** postpaid. Write for quantity prices.

PINK BEANS

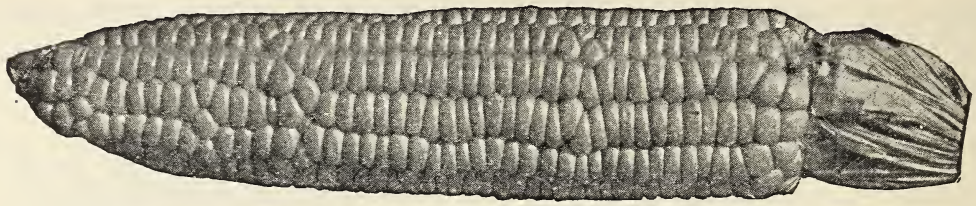
These are planted extensively throughout various sections of the Southwest for dry beans. They require about 105 days to mature; therefore, should be planted in climates similar to the Salt River Valley, about the last week in July. Plant 40 pounds of seed to the acre, in rows about 30 to 36 inches apart. The land should be leveled, irrigated and the surface stirred, planting the beans flat, cultivating them slightly as they appear through the surface and irrigating through the furrow left by cultivation. Inoculate. Price for acclimated hand-picked beans: **(Lb. 25c), (10 lbs. $2.00),** postpaid. Write for quantity prices.

BROAD WINDSOR BEANS

Sometimes called Horse Beans, grows upright on a single stem bearing a profusion of large well-filled pods. The roots are enormously productive of nitrogen. It will withstand 28° temperature. **(Lb. 35c),** postpaid. Write for quantity price.

(Inoculate All Legumes with Mulford Culture. See page 38)

CORN



Our **MEXICAN JUNE** is the best Silo Corn grown in irrigated districts and **PAPAGO** for the same purpose in dry land farming. Do not overlook these two varieties if you have a silo. Our **SACATON JUNE** is especially selected for grain yield and it is an honest-to-goodness Corn for our Southwestern states.

PAPAGO CORN FOR ENSILAGE

In experimental plots planted at the various Experiment Station Farms last year Papago Corn proved a wonder under short season and dry land conditions. The Prescott Dry Farm produced 24 tons of green fodder per acre and that under dry land conditions. Papago Corn is a native of Arizona. It originated at the University of Arizona, where it has been selected and re-selected for several years. This is the first year we have had an quantity to offer and we urge the planting of it for ensilage or for roasting ears. It requires eight pounds to plant an acre. **(Lb. 35c), (10 lbs. $3.00)**, postpaid. Write for quantity prices.

MEXICAN JUNE

For Ensilage or Mature Corn

Corn is the principal silage crop, and Mexican June is the principal variety used in the long-season section. It matures in about 120 days and will yield the largest amount of good silage to the acre of any variety. Corn should be cut for silage when the kernels are past the milk stage and begin to show a glaze and when the bottom leaves of the plant are turning brown. If it is frosted before it reaches this stage it should be cut and put in the silo at once. Mexican June will grow 12 to 15 feet high. It requires eight pounds to plant an acre. **(Lb. 25c), (10 lbs. $1.75)**, postpaid. Write for quantity price.

HICKORY KING

Our acclimated strain of Hickory King produces abundantly in the Arid Southwest. It is somewhat earlier than Mexican June, maturing in about 110 days. In Southern valleys it should be planted from July 1st to the 25th at the rate of 10 pounds per acre. In the Salt River Valley it is a favorite for roasting ears, being very tender and sweet. **(Lb. 25c), (10 lbs. $2.00)**, postpaid. Write for quantity price.

REID'S YELLOW DENT

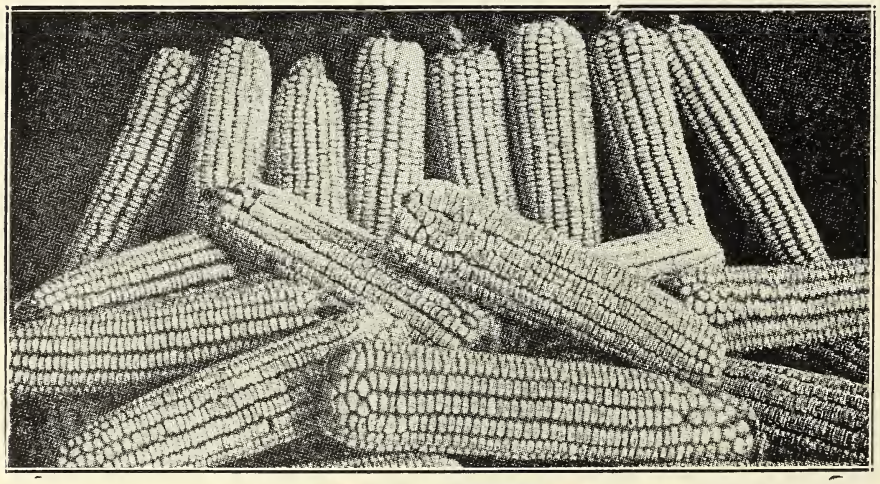
This is a splendid Yellow Dent variety, with 18 to 24 rows of kernels on an ear. The cob is small and the grains are very close together. This is a god corn for the higher altitudes, where the growing season is long enough to mature it. It will mature under favorable conditions in about 115 days. You will be pleased with our stock. It is selected in the field, nubbed and tipped and screened heavily. **(Lb. 25c), (10 lbs. $2.00)**, postpaid. Write for quantity price.

PIMA CORN

A native soft corn planted almost exclusively by the Indians. It produces table corn in about ten weeks and will mature in 90 to 100 days. The ears are long and slender and usually well filled. **(Lb. 25c), (10 lbs. $2.00)**, postpaid. Write for quantity price.

SACATON JUNE CORN

This is a selected strain of June Corn which has been developed in the Salt River Valley. The habit of growth is similar to Mexican June, but it is more desirable as a producer of mature crop. Stalks sets from 1 to 5 ears of good corn with a blunt tip and tight husk, which renders it impossible for worms to do any great damage. It requires about 120 days to mature and the ideal time for planting in climates similar to the Salt River alley is from June 25 to July 15. Our new crop Sacaton June is usually ready about February 1. The supply is limited; therefore, we suggest that you order early. Orders received early will be booked and filled in rotation when corn is ready. **(Lb. by mail postpaid, 25c), (10 lbs. $2.00)**. Write for quantity price.



SACATON JUNE CORN

(See page 76 for INCUBATORS)

SWEET SORGHUMS

FOR SYRUP AND FOR FORAGE

MAKE YOUR OWN SYRUP

The sweet sorghums are distinguished from the grain sorghums by the fact that the juices are very sweet and sugary and the substance of the stem is very digestible. The juices are used for making syrups, and they are also planted for forage. With the shortage of sugar, we recommend planting for syrup, as small syrup mills are operating in various sections.

HONEY DRIP SORGHUM

This is a variety that is most popular as a syrup cane. It has long, slender, reddish heads and grows to a height of 8 to 12 feet, producing a heavy tonnage. It is not particular as to soil. For syrup purposes plant in rows far enough apart to allow cultivation. It requires about 10 pounds of seed to the acre planted in this manner, or 40 broadcast. Price, **(Lb. 25c), (10 lbs. $2.00)**, postpaid. Ask for quantity price.

TEXAS SEEDED RIBBON

Another of the sweet sorghums and one very commonly used for syrup. The seed we have is the crookneck strain. **(Lb. 25c), (10 lbs. $2.00)**, postpaid. Ask for quantity price.

EARL AMBER

The most popular variety for hay and pasture purposes. It furnishes a large yield of most nutritious forage, being very rich in saccharine matter. If intended for hay it should be sown broadcast at the rate of 40 pounds per acre and cut when the seed is in the dough. When grown as a crop for seed, sow in drills 3 feet apart and cultivate. Planted in this manner, it requires 5 pounds of seed per acre. **(Lb. 20c), (10 lbs. $1.75)**, postpaid. Write for quantity price.

CLUB CANE

This variety is very vigorous and produces a heavy growth of foliage. It stools readily and has proven an excellent variety for hog pasture. Club Cane has produced as much as 6 tons of hay per acre. Broadcast 40 pounds per acre. **(Lb. 25c), (10 lbs. $1.75)**, postpaid.

Write for quantity price.

MISCELLANEOUS FIELD SEEDS

WRITE FOR QUANTITY PRICES

WHEAT—Several years ago we began a search for a select strain of Early Bart Wheat, and after securing samples from many sections of the country we finally, on recommendation of the Department of Agriculture, purchased a quantity of fancy stock in the State of Washington. From this stock we are growing our supply, selecting it each season. We also carry in stock **Sonora** and **Club**. Sow 60 to 90 pounds to the acre. Price on application.

BARLEY—Our Seed Barley is grown under contract for us, and under our personal supervision for seed purposes. For early planting sow 60 pounds to the acre and for later planting, 80 to 100 pounds. Ask for prices.

DWARF ESSEX RAPE—This crop is very highly recommended as a pasture for sheep and hogs, furnishing fine pasture in six to eight weeks after planting. Rape is best sown in drills at the rate of five pounds per acre. **(Lb. 30c), (10 lbs. $2.50)**, postpaid.

OATS—For hay or for grain, Oats is an excellent crop. Oat hay commands a high price at all times. We offer two grades of seed. Local grown for hay purposes and imported grown for grain. Prices on application.

SUNFLOWER—Single heads measure 15 to 20 inches in diameter, and contain an immense amount of seed, which is highly valued by poultry breeders as a poultry feed. Every year great quantities of this seed are shipped into Arizona and it is with this in mind that we appeal to Arizona farmers to grow Sunflowers. They grow luxuriantly here and produce a fine grade of seed. Three pounds of seed will plant one acre. **(Lb. 35c), (10 lbs. $2.50)**, postpaid.

WINTER RYE—You farmers who have not planted Winter Rye for Winter pasture have overlooked a good bet. It has been demonstrated that earlier pasture and more pasture is obtained from Winter Rye than from Barley or Wheat. It is special value to dairymen, for it comes early, when green feed is needed. Sow 75 pounds per acre. Price on application.

GOLDEN MILLET—An excellent catch crop. May be planted as late as September 15 in the Salt River Valley and still produce a good crop of hay. Sow 30 pounds per acre. **(Lb. 25c), (10 lbs. $2.00)**, postpaid.

FLAX—When grown for seed, plant forty pounds to the acre. One of the principal things to attend to when growing flax is to see that the ground is well cultivated. Price per pound, **40 cents**, postpaid.

HEMP—The seed is used for birds. Its fibre is in big demand. Per pound, **30 cents**, postpaid.

CANARY SEED—Used for bird food. It is also used as an ornamental grass and for hay purposes. **(Lb. 30c), (10 lbs. $2.50)**, postpaid.

BROOM CORN

Farmers find this a very profitable crop. One acre has produced 500 pounds of brush and nearly 40 bushels of seed. Will grow anywhere sorghum will mature satisfactorily. Should be planted and cultivated about the same as sorghum. It should not be mixed with feed crops. Grows from 8 to 10 feet high. Plant in drills 3½ feet apart and thin 3 to 6 inches apart in rows; 5 to 8 lbs. of seed will plant an acre.

Standard or Tall Evergreen—This variety grows 8 to 10 feet tall, stands up well and is free from crooked straw. The fibre is long and of a rich dark green color, and always commands the highest price when placed on the market. **(Lb. 25c), (10 lbs. $2.50), postpaid.** Ask for quantity price.

Dwarf—The stalk of this variety is decidedly dwarf, only grows 4 to 5 feet high, but makes long, smooth, bright straw, and is a heavy yielder, which makes it desirable as a market crop. **(Lb. 25c), 10 lbs. $2.50)**, postpaid. Ask for quantity price.

(See pages 73 to 77 for Poultry Supplies)

LAWN SEED

Level the ground carefully, pulverizing all lumps and removing all stones. Enrich with Gromore fertilizer at the rate of one pound to 20x20 and rake it in. Scatter the seed evenly over the surface at the rate of two pounds to 10x10 for Australian Rye, one pound to 10x20 for Blue Grass and one pound to 500 square feet for Bermuda Grass, then apply a mulch of sand or well rotted fine manure. Water carefully and regularly, not allowing the surface to dry out until the grass is up. In the Salt River Valley and similar climates, Australian Rye Grass should be planted from September 15 to March 1 and Bermuda Grass during the Summer months.

AUSTRALIAN RYE GRASS

This is the most popular grass in the Southwest for a winter lawn. Plant two pounds to 10x10 feet, from September 15 throughout the Winter. Prepare a fine seed bed, sow the seed and rake in very lightly, and then spread a thin mulch of fine decomposed manure over the surface. Keep well-watered with a fine spray.

AUSTRALIAN RYE GRASS—(Lb. 30c), (10 lbs. $2.50), postpaid.

BERMUDA GRASS

Selected from our very best fields and thoroughly recleaned. Requires three weeks under favorable conditions to germinate. A light mulch of pulverized manure and frequent watering will greatly aid germination. Plant one pound to 500 square feet.

BERMUDA GRASS—(Lb. $1.00), (10 lbs. $8.50), postpaid.

WHITE CLOVER

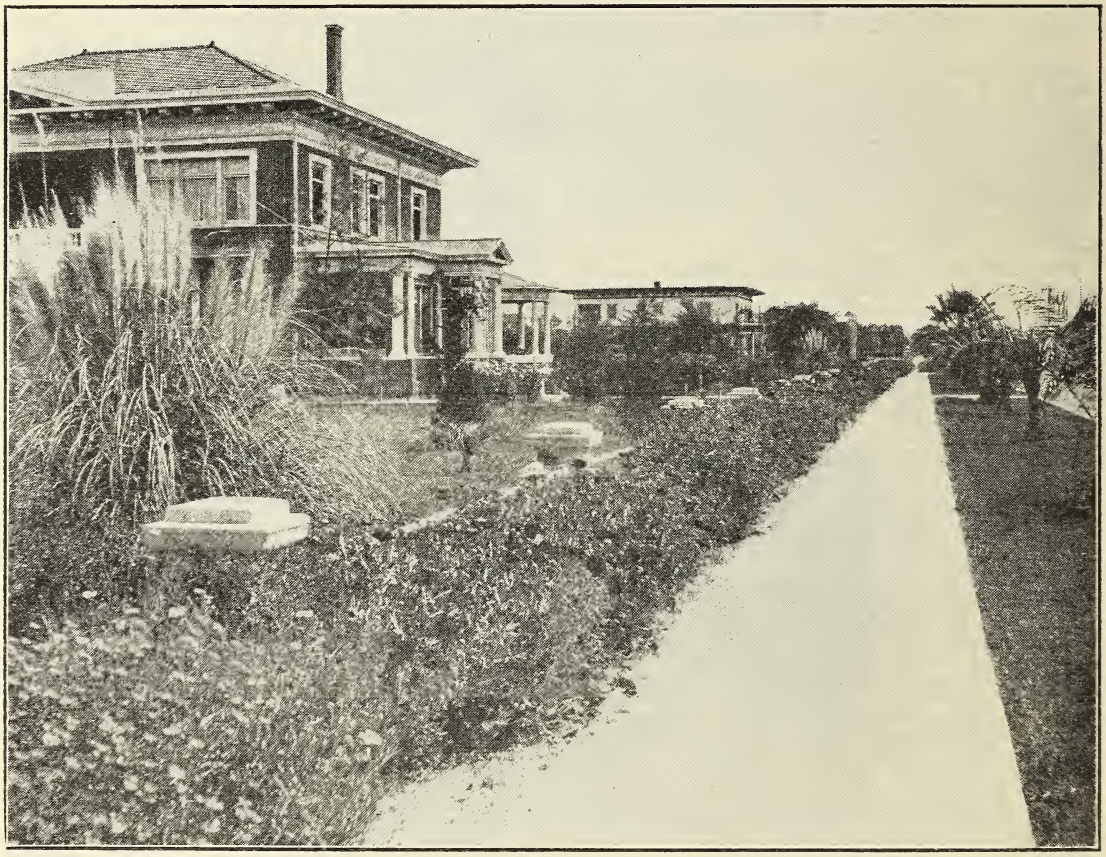
Strictly first-class seed, clean and pure, of the highest quality. Used for a mixture in the Fall and Winter lawn. Plant one pound to 2000 square feet.

WHITE CLOVER—(Lb. $1.00), (10 lbs. $9.00), postpaid.

KENTUCKY BLUE GRASS

A suitable lawn for the higher altitudes and mountain districts of the Southwest; also used in warmer sections for Winter lawns. Sow one pound to 200 square feet.

KENTUCKY BLUE GRASS—(Lb. 85c), (10 lbs. $7.00), postpaid.



WINTER SCENE, MID-WINTER, PHOENIX, ARIZONA

Poppies and Scarlet Flax Bordering Walk

BUY THE BEST—WE DO

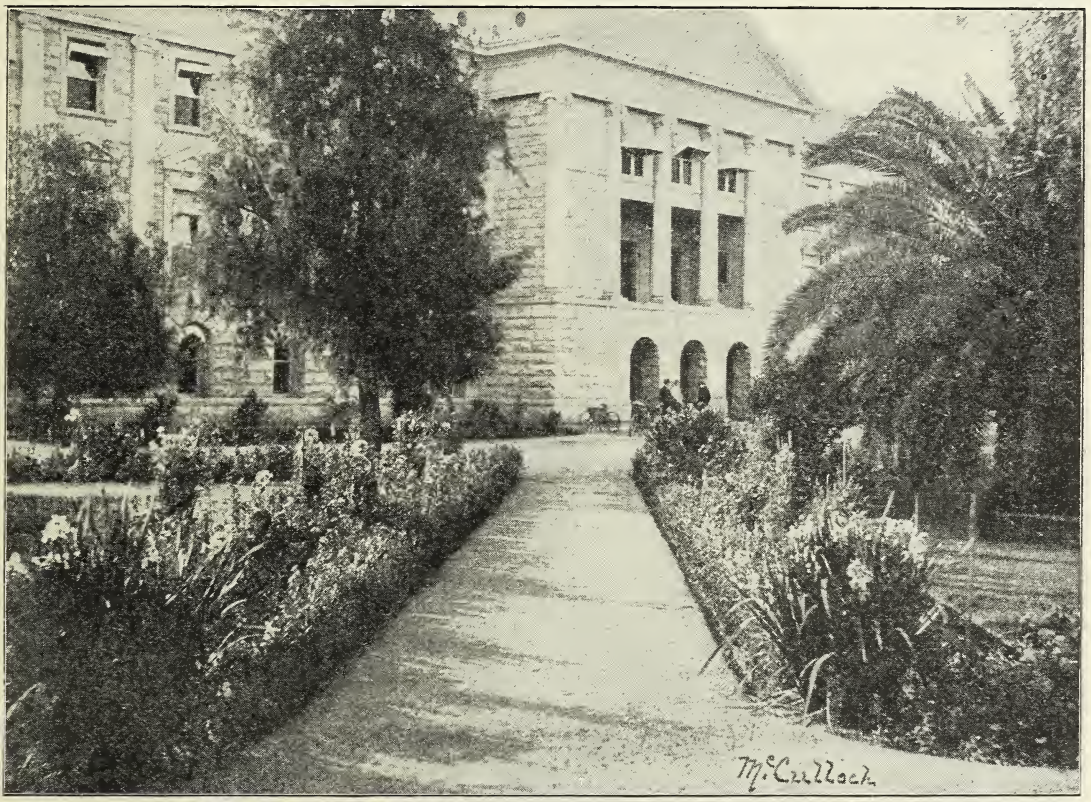
(We carry a full line of Lawn Supplies. See pages 59 and 61)

BEAUTIFY YOUR HOME

FLOWER SEEDS

ENHANCE THE VALUE OF YOUR PROPERTY..

There are no more satisfactory flowers than those grown from seed, especially the easily grown and brilliant colored annuals, but they require care and proper soil preparation, for flower seeds are delicate. Soil that will bake and crust should have a liberal mixture of well-rotted manure and sand. In adobe soil a few pounds of air-slacked lime will assist in forming a better texture. In sowing seeds of hardy annuals, plant all medium sized seeds at a depth of ¼ to ½ inch. Sweet Peas should go deeper. Very fine seeds should be pressed into the soil and a little sand or fine, well-rotted manure sprinkled over the surface. Water more frequently if the seed is close to the surface, and if necessary protect with cheesecloth until the seed germinates. When up, the plants should be thinned from 2 to 12 inches, depending on the variety; otherwise they will be weak and spindling. It is a great mistake to leave plants too thick; give them room to develop, allow plenty of moisture and the display that can be produced from seed will surprise and delight the grower.



A YEAR-ROUND DISPLAY OF ANNUALS AND PERENNIALS AT THE STATE CAPITOL, PHOENIX, ARIZONA

PLANTING TIME FOR FLOWER SEEDS AND BULBS

January 1 to February 15

Plant seeds of Alyssum, Calendula, Larkspur, Gaillardia and Petunia.

Bulbs of Amaryllis, Canna, Calla Lily, Gladiolus, Tube Roses, Rose Bushes, Ornamentals; Grape Vines, Shade Trees and Fruit Trees.

February 15 to April 1

Plant seeds of Alyssum, Asters, Australian Pea Vine, Balsam Apple, Balloon Vine, Balsam, Scarlet Runner, Castor Beans, Coxcomb, Cobea Scandens, Cosmos, Cypress Vine, Larkspur, Hyacinth Bean, Evening Primrose, Four O'clock, Helichrysm (Everlasting Flower), Japanese Hop, Kochia Tricophylla, Lobelia, Lupins, Morning Glory, Moon Flower, Marigold, Nasturtium, Petunia Portulaca, Rudebeckia, Salvia, Verbena.

Bulbs and Roots of Amaryllis, Cannas, Caladium, Calla Lily, Gladiolus, Tuberoses, Madeira Vine, Golden Glow, Shasta Daisy Clumps, Carnation Plants, Chrysanthemum Plants, Rose Bushes, Ornamentals, Grape Vines, Shade Trees, and Fruit Trees.

April 1 to October 1

Cosmos, Hollyhocks, Vine Seeds, Zinnia and during September, Christmas Flowering Sweet Peas.

October 1 to December 1

Plant seeds of Alyssum, Snapdragon, African Daisy, Double Daisy, Calendula, Candytuft, Carnation, Centaurea, Clarkia, Coreopsis, Cosmos, Globe Amaranth. Scarlet Flax, Gaillardia, Godetia, Hollyhock, Larkspur, Mignonette, Nasturtium, Nicotiana, Nigella, Pansy, Petunia, Phlox, Poppy, Scabiosa, Stocks, Sweet Peas, Violets and Verbena.

Bulbs of Hyacinth, Tulips, Crocus, Daffodil, Narcissus, Jonquils, Freesias, Gladiolus, Oxalis, and Calla Lily.

(Plant our Giant Zinnias. See page 55)

FLOWER SEEDS

We know that America is the best place in which to live. Now let us make it also the most beautiful. It takes only a few packets of flower seeds and a little care and attention to grow an abundance of flowers for your table and to greatly beautify your home.

AGERATUM

A hardy annual of easy culture, used for bed or borders. (Pkt. 10c).

ALYSSUM, SWEET

A fragrant hardy annual, having the odor of honey and bearing spikes of small white flowers in great profusion. (Pkt. 5c), (oz. 50c).

AMARANTHUS CAUDATUS
(Love Lies Bleeding)

Light yellowish-green, foliage long; drooping crimson flower spikes; grows three to four feet high. (Pkt. 10c).

ANTIRRHINUM
(Snapdragon)

Thrive in most any soil and do beautifully in Southern Arizona. Plant in the open where they are to remain. Mixed colors. (Pkt. 10c), (oz. $1.50).

ASTERS

Sow Asters in boxes in January and transplant to the open in March and April. By thorough cultivation excellent results may be obtained. The tallest grow about two feet high and flowers are produced in a great variety of colors.

GIANT BRANCHING—The tallest and best cut flower variety, and we highly recommend them as the very best type of Aster we have. The plant grows about 18 inches high, and the blossoms, which are large and full-petled, are borne on long stems or branches. Since it is not only a good cut flower, but a showy bedding type as well, it deserves a place in every garden. We have it in the following colors: Crimson, Lavender, Pink, White and Mixed Colors. (Pkt. 10c), (oz. $2.50).

GIANT BRANCHING ASTER

AUSTRALIAN PEA VINE
(Dolichos Lignosis)

A rapid growing evergreen, climbing perennial; flowering freely in large clusters of rose flowers. For covering arbors, etc., they are excellent. (Pkt. 10c).

BACHELOR'S BUTTON—(See Centaurea)—(Pkt. 10c).

BALLOON VINE

A climbing annual. The seed pods are curiously puffed, making the vine quite attractive. (Pkt. 10c), (oz. 40c).

BALSAM
(Lady's Slipper)

A tender annual growing about 12 inches high. Flowers are both single and double, in bright colors and variations. (Pkt. 10c), (oz.75c).

BALSAM APPLE
(Momordica)

A climbing annual with graceful and ornamental foliage; yellow flowers and warted golden yellow fruits. (Pkt. 10c), (oz. 75c).

BEAN SCARLET RUNNER

A popular climber. Flowers scarlet. (Pkt. 5c), (oz. 15c).

CALENDULA
(Pot Marigold)

A very hardy annual growing about one foot high. Plantings may be made from September 15 to April. Flowers very early and is attractive as a border plant.

PRINCE OF ORANGE—A deep orange. (Pkt. 5c), (oz. 40c).

CALIFORNIA POPPY
(Golden West)

A hardy annual, growing from 1 to 1½ feet high; sowing the seed in the Fall, it blooms beautifully during the Spring. Pure yellow and mixed. (Pkt. 5c), oz. 50c).

CANARY BIRD FLOWER

A tender climbing annual of the Nasturtium family. Blossoms have curiously winged petals and are a light yellow. (Pkt. 10c), (oz. 75c).

CANNA

Mixture of the popular varieties, red and yellow flowers. (Pkt. 10c).

CARDINAL CLIMBER

A new climber of great merit, bearing a great mass of small crimson flowers. It grows to a height of 15 to 20 feet. (Pkt. 25c).

(See page 79 for Bird Supplies)

FLOWER SEEDS

CALLIOPSIS

If the varieties of Calliopsis were rare and high priced, people would rave about their beauty, but as they are so cheap and easily grown, they are often passed by unnoticed. The lovely combinations of yellow and brown are not excelled in an other plant and they have an elegance and grace all their own. **(Pkt. 10c), (oz. 50c).**

CASTOR BEANS

Large-leaved varieties for shade; very ornamental. **(Pkt. 5c), (oz. 15c), (lb. $1.50).**

CANDYTUFT

A hardy annual growing from six to eight inches high, according to the variety; of easy culture and valuable for bedding or massing.
Pure White—(Pkt. 10c); Pink—(Pkt. 10c); Scarlet—(Pkt. 10c); Mixed Colors—(Pkt. 10c), (oz. 50c).

CANTERBURY BELLS

A hardy perennial, blooming the second year from seed, or the first year if sown early. Grows about three feet high. Mixed colors. **(Pkt. 10c).**

CARNATION

Cover the seed lightly and protect from the sun until established, then transplant 12 to 18 inches apart, where they are to remain. Pure white. **(Pkt. 15c), (¼ oz. 75c).**
Mixed Colors (Pkt. 15c).

CENTAUREA CYANUS

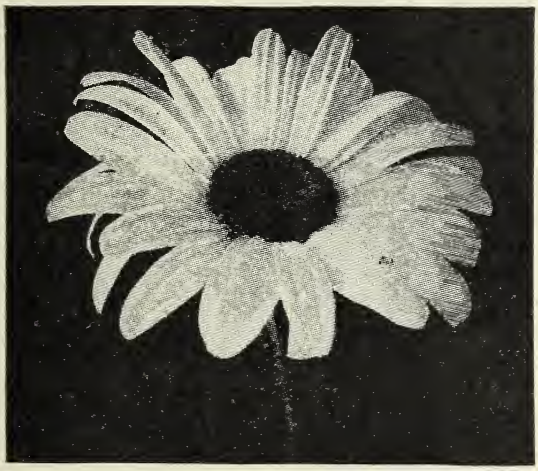
(Bachelor's Button or Corn Flower)

Sow anywhere. **Mixed Colors. (Pkt. 10c).**

CENTAUREA MOSCHATA

(Sweet Sultan)

A magnificent large flowered type, exquisitely fringed and delightfully scented. Fine for cut flowers. **Mixed Colors. (Pkt. 10c).**



SHASTA DAISY

CELOSIA

(Cockscomb)

Very ornamental and strong plants. They succeed well in the garden. Mixed. **(Pkt. 10c).**

FEATHERED COCKSCOMB—(Pkt. 10c).

CHRYSANTHEMUM

Single and double mixed. **(Pkt. 10c), (oz. $1).**

CLARKIA

A hardy annual of easy culture growing about 18 inches high and bearing bright rose, white and purple flowers in great profusion; single and double mixed. **(Pkt. 10c).**

COBEA SCANDENS

A climber of rapid growth, beautiful fine foliage and a rich purple flower borne on long stems. **(Pkt. 10c).**

DOUBLE DAISY

COREOPSIS

Grows luxuriantly in any situation, affording a constant supply of richly marked flowers for cutting. **(Pkt. 10c).**

COSMOS

A tender annual with fine cut, feathery foliage and large showy blossoms. The late flowering or giant types grow 5 to 6 feet high. Cosmos should be planted more extensively than it is. It is a handsome cut flower, a good bedder and easily grown. We have the **Crimson, Pink** and **Mixed Colors. (Pkt. 5c), (oz. 75c).**

CYPRESS VINE

(Ipomea Quamoclit)

A tender climbing annual with soft, fern-like foliage and small star-like flowers; mixed. **(Pkt. 10c).**

DAHLIA

Sow seed in beds and transplant; double mixed. **(Pkt. 25c).**

DOUBLE DAISY

(Bellis Perennis)

A hardy perennial blooming freely during the early Spring and well into the Winter; white and mixed colors. **(Pkt. 25c), (1-8 oz. $1.00).**

DIANTHUS

(Pinks)

Hardy annuals, about one foot high and bearing beautifully colored single and double flowers in profusion; Japan mixed. **(Pkt. 10c), (oz. $1.00).**

SHASTA DAISY

A fine perennial plant bearing large white single blossoms with yellow centers. Soak seed in warm water over night before sowing. **(Pkt. 10c), (¼ oz. $1.00).**

(WE PAY POSTAGE ON ALL FLOWER SEEDS)

BUY THE BEST—WE DO

FLOWER SEEDS

DIGITALIS—(Fox Glove)

Does well in the Northern part of the State, but is difficult to handle in the Southern valleys. The cell-shaped flowers are borne on long stems and come in a great variety of colors; mixed.. (Pkt. 10c).

AFRICAN DAISY

DMORPHOTHECA AURANTIACA
(African Daisy)

A rare and extremely showy annual from South Africa, which is becoming a great favorite here on account of its easy culture and long blooming season. Its Marguerite-like blossoms are 2½ to 2¾ inches in diameter, of a rich orange gold. Every Arizona garden should have these. (Pkt. 10c), (oz. $1.25).

DOLICHOS
(Hyacinth Bean)

Tender climbing annual; purple waxy-like flowers are borne on long stems; sow in open ground in March. Mixed colors. (Pkt. 10c).

DUSTY MILLER

Broad silvery white foliage. Very pretty as a border or for edging. (Pkt. 10c).

EVENING PRIMROSE—(Oenothera)

An attractive hardy perennial border plant of dwarf compact growth, producing an abundance of bright showy flowers in white, pale yellow, rose, etc.; of very easy culture; fine mixed. (Pkt. 10c).

FLAX, SCARLET

A hardy annual, about 1½ feet high, of slender and graceful appearance with bright red flowers which are borne in great profusion; very showy. (Pkt. 5c), (oz. 50c).

FOUR O'CLOCK

A hardy annual of easy culture, growing about two feet high; plant in March and April. (Pkt. 5c).

FOR-GET-ME-NOT—(Mysotis)

A hardy perennial growing 6 to 12 inches high; blooms the first year; sow in February. (Pkt. 10c).

GERANIUM

A half hardy perennial flowering the first year from seed. (Pkt. 15c).

GAILLARDIA

Beautiful show plant blooming all through the Summer here. Excellent for beds, borders or for cutting. (Pkt. 5c), (oz. $1.00).

GODETIA

A hardy annual 10 inches high, of compact growth, satiny cup-shaped flowers in deep red, pink and white; sow in October and it will bloom in the early Spring. Does well in Arizona. (Pkt. 10c).

GOURDS, MIXED

Strong climbing vines producing many odd shapes and ornamental gourds. (Pkt. 5c), (oz. 25c).

GYPSOPHILA(Baby's Breath)

A hardy annual of easy culture. Grows 2 to 3 feet high, and bears a profusion of smlal star-shaped flowers. Very fine for bouquets. (Pkt. 5c), (oz. 60c).

MIGNONETTE

Hardy annual growing 6 to 12 inches high; sow in the Fall or Spring. Very easily grown. (Pkt. 5c), (oz. 50c).

BUY THE BEST—WE DO

(Try Castor Beans for quick shade)

FLOWER SEEDS

The general condition of your yard has a great deal to do with the opinion and respect your friends and neighbors have of you. It is so easy to convert an unsightly yard into a haven of rest not only for yourself but also for the children that we wonder why so many yards are neglected. A few well-placed shrubs and vines, some perennial flowers and an abundance of bright annuals will do wonders toward making your place a real home. Flowers very easily grown from seed are as follows:

Sweet Alyssum, Calendula, Coreopsis, Calliopsis, African Daisy, Scarlet Flax, Gaillardia, Gypsophilia, Larkspur, Marigold, Mignonette, Poppies, Portulaca, Scabiosa, Nasturtium, and Sweet Peas. The following vines are easily grown: Balsam Apple, Cypress Vine, Morning Glory, Moon Vine, Passion Flower. See pages 58 to 64 for Nursery Stock.

GLOBE AMARANTH
(Gomphrena Globosa)

An excellent everlasting or immortelle; flowers globe-shaped, purple, orange and variegated. Retain their shape and color when dried; are also good for cutting as fresh flowers. Height, 10 inches. Tender annual. **Mixed, pkt., 10c.**

ICE PLANT
(Mesembryanthemum crystallinum)

White. Trailer. **Pkt. 10c.**

NIGELLA

A hardy annual one foot high, with finely cut foliage; oddly shaped blossoms in blue and white; planted in the Fall it makes a beautiful display in Southern Arizona. **(Pkt. 10c), (oz. 50c).**

HOLLYHOCK

A hardy perennial of upright growth, 5 to 8 feet high; double mixed. **(Pkt. 10c), (oz. $1.50).**

HUMULUS, or JAPANESE HOP

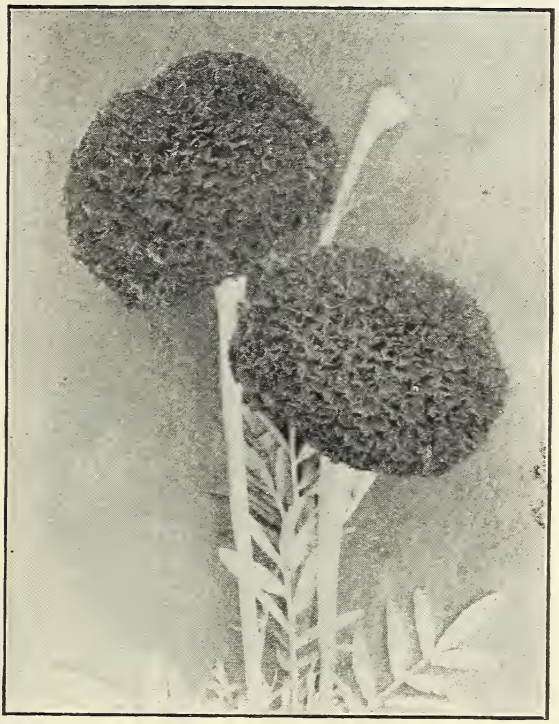
A rapid growing, climbing annual with dense foliage. Will grow 20 to 30 feet in a season. **(Pkt. 10c), (oz. 50c).**

KOCHIA TRICOPHYLIA
(Mexican Fire Bush)

A splendid ornamental annual plant forming dense oval bushes 2 to 2½ feet high, of small light green foliage, changing to fiery red in the Fall. Planted in March it does well here. **(Pkt. 10c).**

NIGELLA

(See pages 59 and 61 for Lawn Supplies)



TALL AFRICAN MARIGOLD

KUDZU VINE

A new climber of great merit. This is one of the fastest growers we know of, reaching a height of 20 feet in a short time. **(Pkt. 15c).**

LARKSPUR

Beautiful hardy plants with noble spikes of handsome flowers. Plant in October and November. We recommend it for Southern Arizona. **Single Mixed—(Pkt. 10c), (¼ oz. 35c), (oz. $1.25). Double Stock Flowered Mixed—(Pkt. 10c), (¼ oz. 35c), (oz. $1.25).**

LANTANA

Tender perennial growing from 2 to 3 feet high, bearing verbena-like clusters of flowers; sow seed in boxes in February and protect until after danger of frost is past, when they may be set in the open. **(Pkt. 10c).**

LOBELIA

Fine for bedding. Plants very compact, profusely covered with rich blue flowers. Plant in March. **(Pkt. 10c).**

MARIGOLD

A hardy annual in various shades. Planted after danger of frost is past, they will bloom here through the entire Summer.

Double Tall African Mixed—(Pkt. 10c), (oz. 75c).

Dwarf French Mixed—(Pkt. 10c), (oz. 75c).

FLOWER SEEDS

MOON FLOWER

This vine does beautifully in any part of Arizona in any position, be it sun or shade, making an enormous growth in a remarkably short time; large white flowers open in the evening. File or in some manner puncture the outer shell of the seed and soak in water 12 hours before planting. Blue or white. (Pkt. 10c), (oz. 75c).

COMMON MORNING GLORY

The most rapid growing vine for Spring planting. Best Mixed. (Pkt. 5c), (oz. 25c).

Japanese Fringed—A large flowering variety with beautifully fringed flowers. (Pkt. 10c), (oz. 50c).

NICOTIANA

A half hardy annual growing 3 feet high, with slender tubular flowers; plant in the Fall. (Pkt. 10c).

PANSIES

BEACONSFIELD—Large purple violet. Top petals blue. (Pkt. 15c).

GIANT EROS or GOLD MARGINED—Velvety brown edged with golden yellow. (Pkt. 15c).

MAHOGANY COLORS MIXED—(Pkt. 15c).

PURE WHITE—Giant flowered. (Pkt. 15c).

GIANT YELLOW—(Pkt. 15c).

DEEP PURPLE—(Pkt. 15c).

GIANT PANSIES MIXED—(Pkt. 15c).

GOOD MIXED—(Pkt. 15c), (¼ oz. $1.25).

POPPIES

The different varieties of poppies are always favorites for outdoor display and the cultivation of them being so extremely simple entitles them to a place in every garden in Arizona. Seed should be sown in the Fall where the plants are intended to flower.

CALIFORNIA—Pure yellow and mixed. (Pkt. 5c).

DOUBLE FLOWERING MIXED—(Pkt. 5c), (oz. 50c).

SHIRLEY MIXED—Very showy. (Pkt. 5c), (oz. 50c).

GLAUCUM—Tulip Flowered Red. (Pkt. 10c), (oz. $1.25).

PASSION FLOWER

A hardy perennial climber with lovely wax-like flowers. (Pkt. 10c).

PETUNIA

Sow seed from October to March; scatter thinly on an even surface and barely cover with sand or fine mulch. We recommend the following for Southern Arizona:

CHOICE FRINGED MIXED—(Pkt. 25c).

GOOD MIXED—(Pkt. 10c), (oz. $1.25).

PHLOX DRUMMONDI

A hardy annual suitable for borders, bearing beautiful and brilliantly colored flowers all Spring and well into the Summer. (Pkt. 10c), (oz. $2.00).

SALPIGLOSSIS

Highly ornamental, half hardy annual, bearing funnel-shaped flowers in striking colors. (Pkt. 5c). (oz. 75c).

(See pages 65 to 67 for Garden Tools)

FLOWER SEEDS

SALVIA SPLENDENS
(Scarlet Sage)

A tender perennial blooming the first season from seed. (Pkt. 10c).

SUNFLOWER

CALIFORNIA DOUBLE—Large, massive, bright yellow flowers. (Pkt. 5c).

NEW RED SUNFLOWER is a very apt description of this new variety. The plant is of freely-branching habit, with well-shaped dark-centered flowers of bright chestnut red, merging to yellow at the tips of the petals. Height, 6 feet. (Pkt. 10c).

SWEET SULTAN

(Ceutaurea Moschata) (Pkt. 10c).

SWEET ALYSSUM

(Pkt. 5c), (oz. 50c).

SWEET WILLIAM

Single mixed and double mixed. (Pkt. 10c).

PORTULACA

Beautiful dwarf plants, bearing glossy cup-shaped flowers in brilliant colors. A wonderful Summer plant.

SINGLE LARGE FLOWERING MIXED—(Pkt. 10c), (¼ oz. 50c).

DOUBLE LARGE FLOWERING MIXED—(Pkt. 10c), (¼ oz. $1.00).

SINGLE PORTULACA

SCABIOSA
(Mourning Bride)

Planted here in the Fall, tall bushes are obtained, bearing a mass of lovely flowers in rich colors. (Pkt. 5c), (oz. 50c).

STOCKS

A very popular plant in Southern Arizona. For brilliancy, fragrance and duration of bloom it is unsurpassed; plant from September to December.

GIANT BEAUTY OF NICE—Delicate flesh pink spikes of double flowers. (Pkt. 15c), (1-8 oz. 75c).

GIANT CRIMSON KING—Long spikes of a rich crimson color. (Pkt. 15c), (1-8 oz. 75c).

WHITE PRINCESS ALICE—A double variety about 2 feet high. (Pkt. 15c), (1-8 oz. 75c).

GIANT MIXED—A choice selection of many colors. All large flowering varieties. (Pkt. 15c), (1-8 oz. 75c).

VERBENA

A half hardy trailing perennial of very easy culture. It is well known as a bedding or border plant. Although perennials, they will bloom the first season from the seed.

DEFIANCE—The flowers are an intense fiery red, produced in great clusters, and is recommended above all others as a bedding variety. (Pkt. 10c), (¼ oz. 40c).

LAVENDER—A giant flowering sort bearing clusters of beautiful purple flowers. (Pkt. 10c), (¼ oz. 40c).

MAMMOTH PINK—Unexcelled for size and beauty. (Pkt. 10c), (¼ oz. 40c).

MAMMOTH WHITE—(Pkt. 10c), (¼ oz. 40c).

MAMMOTH MIXED—Embracing all sorts. Unsurpassed for richness of color and profusion of bloom. The very richest mixture procurable. (Pkt. 10c), (¼ oz. 40c).

VIOLET

Single sweet-scented. (Pkt. 25c).

WALLFLOWER

These delightfully fragrant flowers are indispensable for every garden. Plant in October. (Pkt. 10c).

(We pay postage on All Flower Seeds)

FLOWER SEEDS AND PLANTS

MIXED NASTURTIUMS

NASTURTIUMS

May be sown in the Fall if near the house with south exposure, where they may be protected from the frost; otherwise plant in February or March.

TALL MIXED—(Pkt. 5c), (oz. 25c).
DWARF MIXED—(Pkt. 5c), (oz. 25c).
IVY LEAF—Mixed colors. (Pkt. 5c), (oz. 35c).
EMPRESS OF INDIA—Deep crimson, dark foliage. (Pkt. 5c), (oz. 35c).

BOSTON FERN

FERNS

POTTED FERNS

A cheerful home requires cheerful surroundings. One or more of our freshly potted ferns will add a touch to the home decoration.

In stock from October 1 to March 1.

Prices include packing for shipment. Postage or express extra.

ASPARAGUS SPRINGERI—In 4-inch pot, 75c; 5-inch pot, $1.25; 6-inch pot, $2.00.

BOSTON FERN—In 5-inch pots, $2.00; in 6-inch pots, $3.00.

HANGING BASKETS—With Boston or Springeri Fern, each $3.00 to $5.00.

(Use Gromore Fertilizer See page 72)

SPECIAL GIANT ZINNIAS

We have been endeavoring for some time to produce a large flowering high grade Zinnia, and at last we have succeeded. In offering the giant Zinnias this year we have no hesitancy in stating that they are the finest ever. We actually grew flowers last Summer that measured 6½ inches across, and they were beauties too. Immense flowers of wonderful colors and with long stiff stems making them excellent for cut flowers. The Zinnia is strictly a hot weather plant and will grow and bloom the entire Summer, no matter how warm the climate. They are just the thing for Arizona climatic conditions, blooming at a time when flowers are scarce. We know you will be pleased with these, and we urge you to include them in your collection for the Summer flower garden. Begin planting in March and continue planting throughout the entire Summer.

GIANT DOUBLE DAHLIA FLOWERED

This wonderful Zinnia truly resembles the famous Dahlia. The flowers are very large and double, and the color mixture is one that is pleasing to the eye. We consider this our finest Zinnia mixture. **(Special Packet, 50c).**

GIANT PICOTEE MIXED

This Zinnia is in a class by itself. In addition to its being double and large flowered, each petal is distinctly tipped with a darker shade of the same color, making it novel and attractive. **(Special Packet, 25c).**

GIANT VICTORY QUILLED MIXED

We only have a small quantity of this seed to offer this year. The flowers are very large, with velvety quilled petals. The plants are vigorous and well branched. **(Special Packet, 25c).**

GIANT BUTTER CUPS

A very pleasing shade of creamy yellow. Intermingled with other colors or by itself, it is bright and pretty. The flowers are large and double. **(Special Packet, 25c).**

SEPARATE COLORS DOUBLE GIANT ZINNIA

Giant Burnt Orange	Pkt. 15c
Giant Golden Yellow	Pkt. 15c
Giant Pink Shades	Pkt. 15c
Giant Scarlet	Pkt. 15c
Giant White	Pkt. 15c
Giant Mixed	Pkt. 15c
Double Mixed Elegans	Pkt. 15c

(Use Blatchford's Milk Mash for Chicks. . . . See page 75)

GIANT SPENCER SWEET PEAS

The new and improved strains of Sweet Peas make their culture a pleasure indeed, and those failing to plant will only regret it when blooming time comes. They are of easy culture and no garden is complete without them.

Select your space in the open, where the vines may be trained on a trellis, and dig a trench about two feet wide and eighteen inches deep. Put about three inches of well-rotted barnyard manure in the bottom of the trench mix a sprinkle of manure and commercial fertilizer with the dirt that has been removed and replace it. Open a trench across the bed about six inches deep and plant one ounce of seed to 15 feet of drill in the bottom of it, covering the seed about one-half inch. Now fill this last trench with water and soak thoroughly, following with a sprinkle of fine manure to prevent the surface crusting.

After the peas are up eight or ten inches begin to draw the dirt to them, gradually filling the planted trench and opening another trench about ten inches from the row through which to water them the rest of the season.

Frequent cultivation is very necessary, and after the peas are 12 to 15 inches high a mulch of fine manure should be applied to the entire bed and gradually worked into the soil. Keep them well watered, and at blooming time they should be cut each day to insure a long blooming period.

ASK FOR OUR NEW BOOKLET EN TITLED, "SWEET PEA CULTURE"

APPLE BLOSSOM

Rose and White Flushed. (Pkt. 10c), (oz. 40c), (¼ lb. $1.50).

ASTA OHN

Beautiful soft Lavender, suffused Mauve. (Pkt. 10c), (oz. 40c), (¼ lb. $1.50).

BLANCHE FERRY SPENCER

The standard is bright rose, the wings pinkish or bluish white. (Pkt. 10c), (oz. 40c), (¼ lb. $1.50).

COUNTESS SPENCER

A soft rose pink, which deepens at the outer edges. It shows a richer color in cool weather. (Pkt. 10c), (oz. 50c), (¼ lb. $1.75).

DOBBIES CREAM

A deep cream, undoubtedly the best cream Spencer grown, beautifully waved large flowers. (Pkt. 10c), (oz. 50c), (¼ lb. $1.75).

ELFRIDA PEARSON

Giant blush pink, a great favorite. The color is a lovely pink throughout, the buds and flowers being tinted with salmon pink. (Pkt. 10c), (oz. 40c), (¼ lb. $1.50).

FLORENCE MORSE SPENCER

Deep blush pink. (Pkt. 10c), (oz. 40c), (¼ lb. $1.50).

FLORENCE NIGHTINGALE

A soft, clear, rich lavender, enlivened by a very faint sheen of rose pink. (Pkt. 10c), (oz. 50c), (¼ lb. $1.75).

HELEN LEWIS

A very large orange pink. The wings are of orange and the standard of intense rich crimson orange. (Pkt. 10c), (oz. 50c), (¼ lb. $1.75).

KING EDWARD SPENCER

The best red Sweet Pea grown; deep rich carmine scarlet. The wings are also carmine scarlet and on reverse side deep rosy carmine. (Pkt. 10c), (oz. 40c), (¼ lb. $1.50).

MARGARET ATLEE

A rich glowing pink on cream ground, suffused with salmon in the standard, while the wings are a pleasing shade of pinkish rose and salmon. The flowers are very large, producing four on a long stem. (Pkt. 10c), (oz. 50c), (¼ lb. $1.75).

MRS. ROUTZAHN

Buff or apricot with delicate pink. Plants are of vigorous, free habit and of supremely free flowering habit. (Pkt. 10c), (oz. 40c), (¼ lb. $1.50).

MASTERPIECE

Large, wavy, lavender-tinted mauve. (Pkt. 20c), (oz. 60c). (¼ lb. $2.00).

OTHELLO

Deep maroon, very large. (Pkt. 10c), (oz. 40c), (¼ lb. $1.50).

(Sweet Peas continued on next page)

GIANT SPENCER SWEET PEAS

PRESIDENT

Flowers are of the largest size, carried on strong, stiff stems, usually in fours. Brilliant scarlet in color. (Pkt. 25c), (oz. 75c), (¼ lb. $2.50).

ROSABELLE

A beautiful deep rose with white blotch at the base of the standard and wings. The flowers are unusually large, of fine substance and well placed on long stems. (Pkt. 10c), (oz. 50c), (¼ lb. $1.75).

ROYAL PURPLE

A rich, warm purple; what we consider the best purple for our climatic conditions. (Pkt. 20c), (oz. 60c), (¼ lb. $2.00).

WEDGEWOOD

The best Blue Spencer. A unique shade of lovely blue. (Pkt. 10c), (oz. 50c), (¼ lb. $1.75).

WHITE SPENCER

A perfect flower of glistening whiteness, a superior strain of the finest Spencer. (Pkt. 10c), (oz. 40c), (¼ lb. $1.50).

$2.25 VALUE FOR $1.50

A FULL COLLECTION OF 19 VARIETIES SPENCER SWEET PEAS FOR.....$1.50

SPENCER MIXED

This mixture contains the cream of the very finest named Spencer varieties and will delight all who want a grand variety of colors. (Pkt. 10c), (oz. 35c), (¼ lb. $1.25).

CHRISTMAS FLOWERING SWEET PEAS

IN NAMED VARIETIES

Our Christmas Flowering Early Spencer Sweet Peas are among the best for fragrance, size and beauty, and varieties as listed here are particularly adapted to our climatic conditions. Planted in September and October, they can be brought into flower in January; thus making it a grand addition to the garden of those wishing flowers early and late.

Our Christmas Flowering Spencer Sweet Peas, so called because they bloom earlier than the regular Spencer varieties, are of the newest and most up-to-date creations in Sweet Peas, and not to be confused with the ORDINARY so-called Christmas Flowering Sweet Peas which are put on the market at a much cheaper price. The ordinary kind is a small flowering type with short stems, while the Christmas Flowering Spencer produces a very large flower supported on long, stiff stems.

EARLY LIBERTY, CHRISTMAS CRIMSON—Nothing yet introduced has approached this deep sun-proof crimson or blood red. The vines are vigorous and bear quantities of fine large flowers. (Pkt. 25c), (oz. 75c), (¼ lb. $2.25).

EARLY MEADOW LARK, CHRISTMAS CREAM—A deep, rich cream. Many of the flowers are duplex and well waved. (Pkt. 25c), (oz. 75c), (¼ lb. $2.25).

EARLY MELODY, CHRISTMAS PINK—A deep shade of pink closely resembling Countess Spencer. The flowers are borne on long stems and mostly four large, well-waved blossoms on each stem. (Pkt. 25c), (oz. 75c), (¼ lb. $2.25).

EARLY SONGSTER, CHRISTMAS LAVENDER—A splendid giant lavender. Three or four flowers of large size and beauty on each stem. (Pkt. 25c), (oz. 75c), (¼ lb. $2.25).

EARLY WARBLER, CHRISTMAS PURPLE—a rich mauve purple. Flowers are extra large and beautiful in form. (Pkt. 25c), (oz. 75c), (¼ lb. $2.25).

EARLY YARRAWA, CHRISTMAS APPLE BLOSSOM—The color is a bright rose pink with a clear, creamy base. The flowers average 2½ inches in diameter and many are duplex or double. (Pkt. 25c), (oz. 75c), (¼ lb. $2.25).

SPECIAL COLLECTION, 7 Named Varieties Christmas Flowering Sweet Peas.....$1.25

CHRISTMAS FLOWERING MIXED—This mixture is made up of just the right proportions of the different colors as listed above to produce the most harmonious and pleasing effect. (Pkt. 25c), (oz. 60c), (¼ lb. $2.00).

EARLY SNOWFLAKE, CHRISTMAS WHITE—A lovely pure white and the best of the early flowering White Spencers. (Pkt. 25c), (oz. 75c), (¼ lb. $2.25).

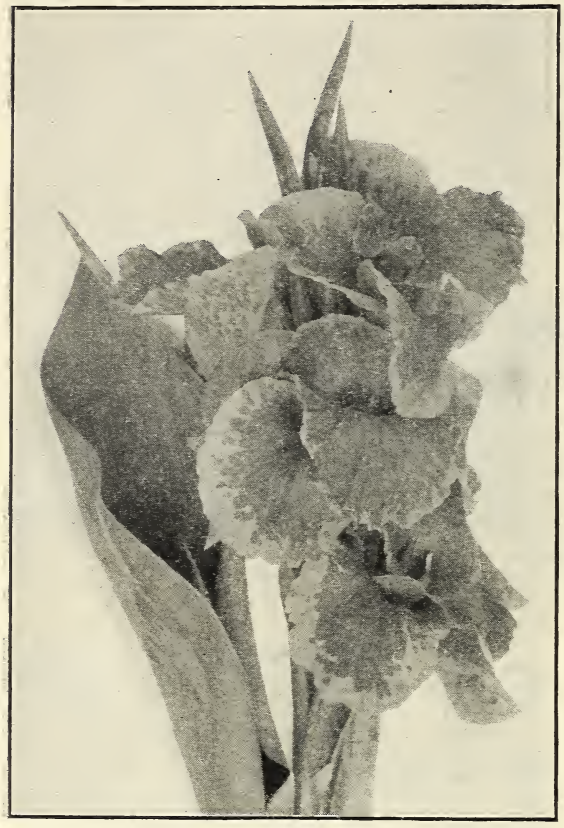
CUPID MIXED SWEET PEAS—Used for bordering sidewalks and flower beds. (Pkt. 10c), (oz. 30c), (¼ lb. $1.00).

(Fertilize your Sweet Pea soil with "Gromore." See page 72)

CANNA BULBS

NEW VARIETIES WITH LARGER FLOWERS AND MORE OF THEM

In no other flower has there been such a rapid development. For Arizona and New Mexico they are the finest bedding plant we have. Flowers are of great size and of lovely shape rivaling orchids in outline and coloring. Plant in a warm soil, plenty of water and in a half shaded location. The varieties offered here are not the common everyday Canna, but are the latest and most up-to-date varieties, and are not to be classed with the roots you would get from your neighborhood bed.



CANNA

GLORIOSA—Large crimson flowers edged with gold; the gold gradually shading into the crimson, making a beautiful combination. The foliage is green. The height 3 to 4 feet. **(Each 20c), (6 for $1.00), (dozen $1.75).**

MRS. A. F. CONRAD
A Soft Rose Pink—Very Large

In offering this Canna we have something worth while. The flower is a beautiful soft rose pink with a mahogany brown in the throat, shading through the loveliest hues of soft light rose pink. The foliage is bright green; 3 to 4 feet. **(Bulbs each 25c), (5 for $1.00), (doz. $2.00).**

L'PATRY—One of the prettiest of the salmon pink varieties. The trusses of flowers are immense and of fine substance. The petals are long and pointed with yellow streaks at the center. The foliage is green and the height is 3 to 4 feet. **(Each 20c). (6 for $1.00), (doz. $1.75).**

WEST GROVE—Green foliage, height 3 to 4 feet. Flowers 4 to 5 inches across, large truss, color a deep cerise pink. **(Each 25c), (5 for $1.00), (dozen $2.00).**

COLOSSAL—The Largest Canna Grown

Deep rich crimson with drooping petals, which when spread often measure 9 to 10 inches across. The foliage is green and it grows to a height of 5 to 6 feet. We consider this the very best crimson. **(Each 20c), (6 for $1.00), (doz. $1.75).**

DI OTRANTO—Green foliage, height 3 to 4 feet. Truss flower of large size and lily-shaped. Color a strong orange yellow with bright vermillion red throat from which shoots rays of bright red into the rich yellow; very striking. **(Each 20c), (6 for $1.00), (dozen $1.75).**

DR. ROBERT FUNKE—A large flowering variety with glowing scarlet blossoms. The foliage is green and the height 3 to 4 feet. **(Each 15c), (dozen $1.50).**

ALLEMANIA—A combination of orange and gold, large orchid flowering. Green foliage, height 3 to 4 feet. **(Each 20c), (6 for $1.00), (dozen $1.75).**

HUNGARIA—Two to three feet high, very compact, almost dwarf and of luxuriant growth, flowers large with rounded petals, color a blue-pink with cream in the throat. **(Each 25c), (5 for $1.00), (dozen $2.00).**

WYOMING—Bronze leaf, 4 feet high. A true orchid flower of large size and fine shape, color a true orange, rich, velvety and strong. **(Each 20c), (6 for $1.00), (dozen $1.75).**

GLADIATOR—Bright yellow flowers spotted with rich red spots of various sizes. The foliage is bright green. Height, 5 to 6 feet. **(Each 20c), (6 for $1.00), (dozen $1.75).**

VENUS—Green leaves, 3 to 4 feet high. Fine orchid flowers of a clear rose-pink with golden edges and throat. **(Each 25c), (5 for $1.00), (dozen $2.00).**

QUEEN HELENE—This is one of the very best Cannas; a sturdy grower, with immense flowers of a rich golden yellow spotted heavily with vermillion. **(Each 25c), (5 for $1.00), (doz. $2.00).**

MADAM ELIDA BERTIE—A lily-shaped flower of a clear lemon yellow thickly spotted with old rose. Wonderfully effective for table decorations. **(Each 20c), (5 for $1.00), (doz. $1.75).**

ANTIGONON LEPTOPUS

A BEAUTIFUL PERMANENT VINE, BEARING LOVELY SHELL PINK BLOSSOMS

Antigonon Leptopus—(Queen's Wreath)—Admirably adapted to our climate in the Salt River Valley. Grows an immense vine early, kills down by frost, and grows the following Spring from the roots. There are only a few of these to be found in the Valley, but those few excite no end of comment during September and October, when they are covered with a mass of beautiful pink blossoms. Very scarce.

(Small tubers, per clump, 50c), (Large tubers, per clump, 75c).

New Mexican Ever Blooming Tuberose

PRETTY AND FRAGRANT

Originated in Mexico, where it is grown to perfection under tropical conditions. They have long stiff stems, pure white single flowers, and are delightfully fragrant. They withstand the hot sun, begin blooming in July, and continue until frost. They may be cut when the first flower opens and they will keep for a week or ten days. Single bulbs planted soon become clusters of bulbs, until they become so thick it is necessary to thin and transplant them. We can supply bulbs from January first to June first, and we earnestly recommend them to our customers for garden display or cut flowers.

Each 10c, dozen $1.00

FLOWERING PLANTS AND BULBS

NOTICE

The prices on these items are postpaid, unless otherwise noted, and they will be sent as soon as the plants are large enough for shipping; or in case of bulbs, in their proper season.

CALLA LILY

Requires rich soil and a shaded location. Medium size bulbs, **Each 25c**; Large size bulbs, **Each 35c.**

CARNATION PLANTS

Pot-grown plants from greenhouse stock in White, Red or Pink. Fine healthy plants. Ready March 1. From 2-inch pots **(Each 25c), (dozen $2.50).**

CALADIUM BULBS

Require rich, moist soil and a shaded location. Very large bulbs. **(Each 30c).**

PANSY PLANTS

Giant flowering varieties in many colors. Ready about December 15th. **(Dozen $1.50).** Postage, 15c per dozen.

VIOLET PLANTS

Strong, healthy plants. Ready November 1st. Extra fine plants **(10c each), ($1.00 per dozen),**

CHRYSANTHEMUM PLANTS

Rooted cuttings grown from fancy large flowering varieties. Plant in rich, moist soil and cut back to within eight inches of the ground June 1st, allowing one or two branches to grow. From 2½-inch pots. **(Each 25c), ($2.50 per dozen).**

SHASTA DAISY

The large pure white flowers with a yellow center and long stems are becoming quite numerous among Arizona gardens, since it has become generally known that they can be successfully grown here. Beginning January 1, we have large well-rooted clumps. **(Each 25c), (per dozen $2.50).**

GLADIOLUS

Planted during the very early Spring, they will produce handsome cut flowers that will last for a week or more. Assorted colors. **(Dozen $1.00).**

MADEIRA VINE TUBERS

A well-known climber with white flowers and foliage of waxy appeaance. Large size bulbs. **(Each 10c), (3 for 25c).**

MOON FLOWER VINE

We grow these in pots and can supply them about March 1st. **(Each 25c).**

(See pages 65 to 68 for Garden Tools)

ROSES

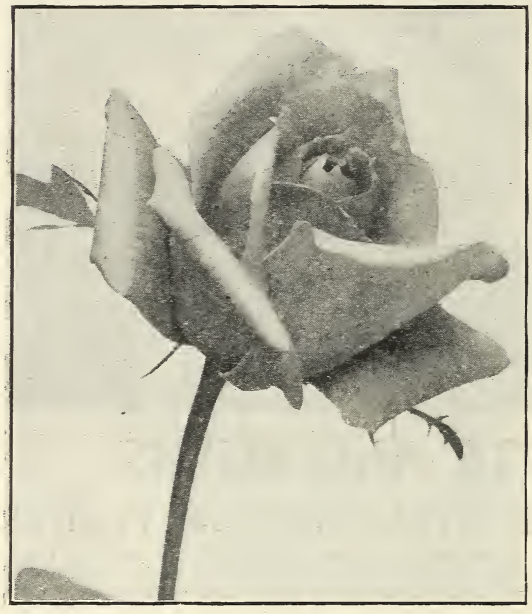
If wanted by mail, add 3c per bush for postage. Express shipments will allow for more packing around the roots and we suggest having them expressed rather than mailed.

Our roses are field grown, budded and own root stock, and are usually ready for shipment by January 15. We list here those varieties which have proven most successful under our soil and climatic conditions.

In setting out roses a hole should be dug at least one foot in depth and 15 inches wide for each plant; the roots should be carefully spread out and covered with fine soil; manure should never be placed in actual contact with the roots, but near at hand, within reach of the new feeding roots when growth begins. The remaining soil should then be packed in firmly, the surface leveled and covered with about three inches of pulverized manure and straw. In selecting your varieties, please add to the order a few supplementary varieties lest by previous orders the stock of any particular one should be exhausted.

SPECIAL NOTICE—IMPORTANT

Due to the great scarcity of Roses this year, we offer them only, subject to being able to supply. Please state in your order if it will be satisfactory with you for us to substitute varieties if we cannot supply what you order. If you fail to state "No substitution," we will use our best judgment in selecting varieties for you, or if you want only the varieties you order, we reserve the right to refund the money sent if our supply is exhausted.



MME. EDOUARD HERRIOT

LATEST INTRODUCTIONS

MME. EDOUARD HERRIOT

Very popular because of its wonderful freedom of bloom and fascinating color. In the bud it is a coral shaded with yellow and bright rosy scarlet passing to a shrimp red. (Each $1.00).

TIP TOP

An everblooming Polyantha of the Cecil Brunner class. The color is golden yellow, tipped with cerise and the little buds are perfect form. (Each $1.10).

NEW AND SCARCE ROSES

When unable to fill orders as specified we will substitute the nearest variety unless a second choice is included or we are instructed not to substitute.

BELLE SIEBRECHT

A magnificent rose of bright deep pink. Flowers are extra large and well formed, the buds being especially beautiful. A free and constant blooomer. (Each 75c).

CLIMBING AMERICAN BEAUTY

The ever-popular American Beauty Rose with the addition of the climbing habit has proved hardy and capable of standing heat and drouth. (Each $1.00).

CLIMBING SUNBURST

Flowers are identical in form with the bush variety and the vine is a strong grower. (Each $1.00).

J. L. MOCK

Clear imperial pink, reverse of petals rosy, silvery white. Blooms of magnificent size and form, produced on stiff erect canes. (Each $1.00)

MARECHAL NIEL

Climbs to a great height and yields beautiful golden-yellow buds and blooms in rich profusion. (Each $1.00).

SUNBURST

A rose true to name which is creating a great sensation. The color is orange copper or a blended golden orange and golden yellow shaded lighter at the edges of the petals. Its long pointed buds, which may be cut tight for market, puts it in a class with the American Beauty. (Each $1.00).

GENERAL COLLECTION

American Beauty — The world-famous rose. Magnificent buds. Fllowers extra large and deep petals, beautiful form and very double. Rich rosy crimson. **(Each, 65c), (doz. $6.50).**

ANNA DE DIESBACH

Color a bright deep clear pink. Long, pointed buds and large, finely formed compact flowers, very full and double. (Each 60c), (dozen $5.50).

ANTOINE RIVOIRE

Creamy white, delicately tinted with pink; extra large petals, making a bloom of decidedly distinct form. (Each 60c), (doz. $6.00).

(See page 68 for Pruning Shears)

ROSES

BRIDE—An ever-blooming pure white Tea Rose of large size and perfect form. The buds are pointed and the ends of petals are curved back slightly. (Each 75c).

BLACK PRINCE—Splendid dark crimson flowers, very globular and good. A strong grower, a good Spring and Fall bloomer, and a general favorite. (Each 60c), (doz. $6.50).

CLARA WATSON—Rich salmon-pink with very graceful flowers, resembling Bridesmaid in form and produced in remarkable profusion. (Each 60c), (doz. $6.50).

DUTCHESS OF ALBANY—A lovely shaded deep rose, quite commonly called "The Red La France." A continuous and free bloomer. (Each 60c), (doz. $6.00).

EDWARD MAWLEY—Velvet crimson of a deep rich color on huge petals beautifully arranged. An ideal free and perpetual flowering garden rose. (Each 60c), (doz. $6.50).

ETOIL DE FRANCE—A lovely shade of clear velvety crimson. The flowers are very large and borne on long stiff stems. (Each 60c), (doz. $6.00).

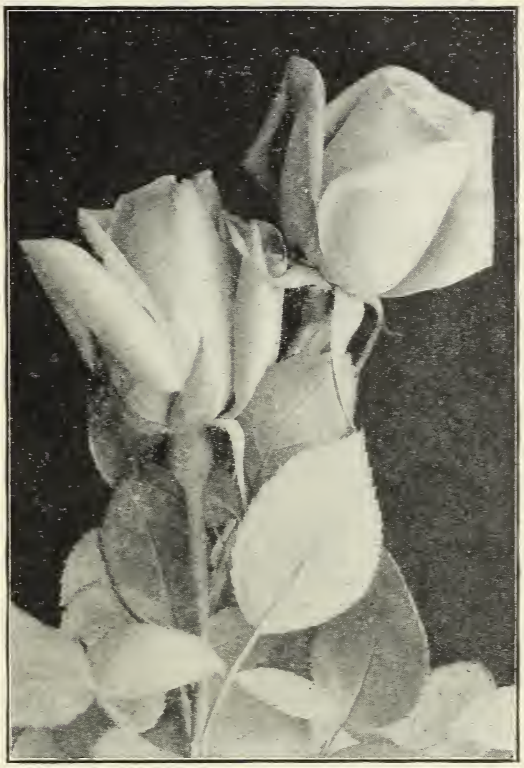
ETOIL DE LYON—No better yellow bedder. Blooms freely and every flower is a gem. With proper care will bloom the entire year. (Each 60c), (doz. $6.00).

FRAU KARL DRUSCHKI—The white American Beauty. An everywhere hardy, vigorous grower, with bright green leaves, splendid long buds and snow-white blossoms. (Each 60c), doz. $6.00).

BLACK PRINCE

GENERAL JACQUEMINOT—A celebrated and much sought after variety; shapely buds and handsome blossoms of bright shining crimson. (Each 60c), (doz. $6.00).

GRUSS AN TEPLITZ—Hardy in all sections; vivid, dazzling, fiery crimson; produces a mass of bloom. Excellent as a bedder. (Each 60c), (doz. $6.00).



LADY BATTERSEA

GENERAL McARTHUR—A brilliant scarlet; bright rose color of good size, and double, of remarkably strong growth, upright and symmetrical. We recommend this as one of the best scarlets for bedding or for cut flowers. (Each 60c), (doz. $6.00).

HELEN GOULD—An attractive rosy crimson. Buds exquisitely formed, long and pointed. Blooms large and ful. (Each 60c), (doz. $6.00).

PINK KILLARNEY—Immense long pointed buds, and massive flowers on big heavy stems. Petals frequently 2½ inches deep. The color is deep, brilliant and sparkling shell pink of the most exquisite shade. (Each 60c), (doz. $6.00).

LADY BATTERSEA—A beautiful cherry crimson, permeated with an orange shade, becoming much darker in the Fall and Winter. This is a strikingly beautiful rose, and one which we highly recommend. (Each 60c), (doz. $6.00).

KAISERIN AUGUSTA VICTORIA—Pure white, splendid large buds and full double blooms making the choicest cut flowers. (Each 65c), (doz. $6.50).

LA DETROIT—A shell pink shading to a soft rose. Flowers large, beautifully formed and handsome both in bud and full bloom. An excellent rose for this climate. (Each 65c), (doz. $6.50).

(See page 72 for Fertilizers)

ROSES

LA FRANCE—A superb standard variety of a delicate silvery rose changing to silvery pink. The flower is very large, full and globular form. **(Each 65c), (doz. $6.50).**

LADY HILLINGDON—This is the yellow rose for the coming years. The foliage is beautiful and the slender deep rich yellow buds are borne on long willowy stems. **(Each $1.00).**

MAMAN COCHET—White. A handsome creamy white rose, outer petals tinged with pink. The large perfect buds and mammoth flowers are produced on splendid stems, and are of excellent quality for cutting. **(Each 60c), (doz. $6.00).**

MAD. ABEL CHATENAY—A very beautiful rose of novel and distinct color, being a cream rose color shaded with rose vermillion and tinged with salmon. The base of the petals are highly colored. A very valuable rose as a cut flower sort. **(Each 60c), (doz. $6.00).**

MAD. CAROLINE TESTOUT—This clear pink rose is very large, double and sweet, resembling a La France. Free flowering and highly recommended. **(Each 75c), (doz. $7.50).**

MAD. PERNET DUCHER—(Yellow La France)—Color a bright canary yellow. A vigorous and splendid bush for the garden. **(Each 75c), (doz. $7.50).**

METEOR—This rich dark crimson rose is becoming more popular every year because of its rich color, and its excellent properties as a cut flower. **(Each 60c), (doz. $6.00).**

MLLE. CECIL BRUNNER—A dainty little gem, rosy pink on a rich creamy white ground. Borne in large open clusters. **Each 60c), (doz. $6.00).**

PAPA GONTIER—Rich carmine flush crimson, with silken texture. A delightfully fragrant and splendid grower. **(Each 60c), (doz. $6.00).**

PAUL NEYRON—The largest of all roses, with an immense deep shining rose-colored flower, free blooming; very fine and showy. **(Each 60c), (doz. $6.00).**

RAINBOW—A pretty striped variety resembling Papa Gontier in color, it being a lovely shade of carmine, striped in a most unique manner with intense crimson. **(Each 75c), (doz. $7.50).**

SOUVENIR DE PIERRE NOTTING—Beautiful yellow rose flushed light peach; flowers very large, well filled, and open, full and perfect. Buds are long, pointed and very fragrant. **(Each 70c), (doz. $7.00).**

ATOMIC SULPHUR—Prevents and cures mildew on roses. Use no other if you wish results. **(Per bottle, $1.00).**

BLACK LEAF 40—A solution of nicotine ssulphate containing 40 per cent nicotine. The most highly recommended spray for soft-bodied sucking insects, such as plant lice, thrips, leafhoppers. **(Small bottle, 35c), (½ lb. $1.25), (2-lb. $3.75), (10-lb. $15.50).** By express only.

FISH OIL SOAP—When used in connection with nicotine solutions it better enables the spray to stick to the foliage. **(Lb. 30c), (10 lbs. $2.50),** postage extra.

ULRICH BRUNNER—Rich, glowing scarlet crimson flowers of exquisite form, borne on very large stiff stems. The buds are perfect in outline and color. **(Each 60c), (doz. $6.00).**

CLIMBING KAISERIN

CLIMBING ROSES

(Each 75c), (doz. $7.50). Postage or express extra

CLIMBING CAROLINE TESTOUT—A strong grower with foliage and flowers same as the bush from which it is a sport.

CLIMBING CECIL BRUNNER—One of the strongest growing roses, style of foliage and color same as the bush.

CLIMBING KAISERIN—Pure white, shaded at base of petals to primrose.

CLIMBING CHEROKEE PINK—Color a bright clear pink.

CLIMBING CHEROKEE RAMONA—A beautiful single rose of very rapid growth.

CLIMBING DOROTHY PERKINS—Beautiful deep pink. We recommend this as one of the best climbers for Arizona.

CLOTH OF GOLD—A pure yellow.

CLIMBING WOOTON—Velvety red.

GOLD OF OPHIR—A combination of copper, carmine and salmon.

WILLIAM ALLEN RICHARDSON—Copper yellow flushed carmine.

CLIMBING BELLE SIEBRECHT—Identical with the bush in flower.

(See page 69 for Spray Pumps)

FRUIT TREES

In ordering Roses or Trees, state on the order blank if we may substitute the next nearest variety if we are out of the one you order.

APPLES

Prices—75c each. $7.00 per 10
Add 10c per tree if wanted by parcel post

GRAVENSTEIN—Large yellow marked with red and orange; flesh tender, juicy and highly flavored. Ripens in August.

DELICIOUS—A magnificent new variety, of fine appearance and delightful flavor; brilliant red; of large size, rather conical in form. Tree has good, strong habit of growth and excellent bearing qualities.

RED ASTRACHAN—Large deep crimson, flesh white, crisp, juicy, rather acid. Ripens July and August.

WHITE WINTER PEARMAIN—Commercial Winter variety. Pale yellow, with yellowish crisp flesh; juicy, with a fine sub-acid flavor. Ripens in November.

TRANSCENDANT CRAB—A large golden yellow with rich crimson tint. Ripens in September.

APRICOTS

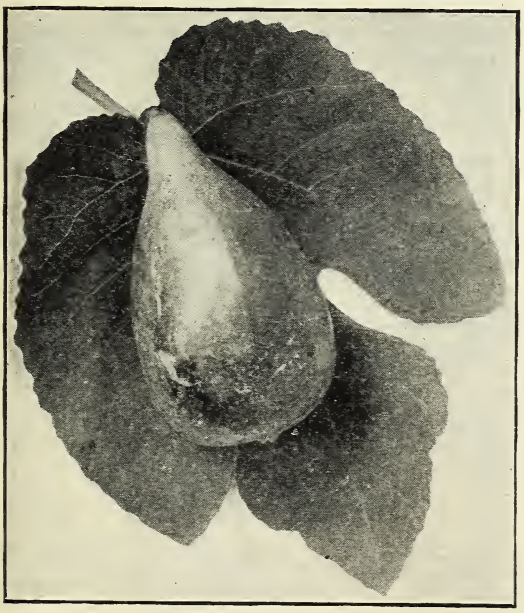
Prices—80c each. $7.50 per 10
Add 10c per tree if wanted by parcel post

NEW CASTLE—Medium size, round, fine flavor, a good shipper. One of the best early varieties. Ripens June 1st.

MOOR PARK—Large greenish yellow, shading to red on sunny side. Fruit is of highest quality. Excellent as a combination shade and fruit tree. Ripens in August.

ROYAL—Medium size, skin dull yellow, slightly tinged with red. Excellent for canning and drying. Ripens in July.

TILTON—Large oval, flesh firm, yellow, heavy and a very regular bearer. Ripens in June.



BLUE MISSION FIG

FIGS

3 to 4-ft. Trees—Price: $1.00 each; $9.00 per 10
Add 10c per tree if wanted by parcel post

MISSION BLUE—Of strong growth and very productive. Best commercial variety.

WHITE ADRIATIC—Skin greenish yellow, pulp red.

SALWAY PEACH

PEACHES—FREESTONE

Price—75c each. $7.00 per 10
Add 10c per tree if wanted by parcel post

ELBERTA—Large yellow with red cheeks. Unexcelled foor table use. Ripens in August.

FOSTER—Fruit large yellow, red on cheek. flesh yellow, very rich. Ripens in July.

KRUMMELS—A very fine flavored peach, ripening in October. Large, juicy and sugary.

SALWAY—Equal to Elberta in size and flavor. One of the best for Arizona. Ripens in September.

LOVELL—Large, almost perfectly round, yellow to the pit. Excellent for canning, drying or shipping. Ripens in August and September.

EARLY CRAWFORD—Has all the good qualities of the Early Crawford. Ripens in August and September.

PEACHES—CLING

Price—75c each. $7.00 per 10
Add 10c per tree if wanted by parcel post

PHILLIPS CLING—Fine large yellow, flesh firm and yellow to pit. Ripens in September.

TUSCAN—Very large, pure yellow to stone Ripens in July.

WHITE HEATH—Very large, white with light shade of red. Ripens in September.

ORANGE CLING—Large yellow with dark crimson cheek. Flesh golden yellow. Ripens early in August.

LEMON CLING—Large lemon-shape, deep yellow with red cheek; flesh firm and rather acid. Ripens in August.

PEARS

Price—80c each. $8.00 per 10
Add 10c per tree if wanted by parcel post

BARTLETT—Handsome large smooth Summer pear. Golden yellow, often with a blush next to the sun. Very juicy and with fine flavor. Ripens in August.

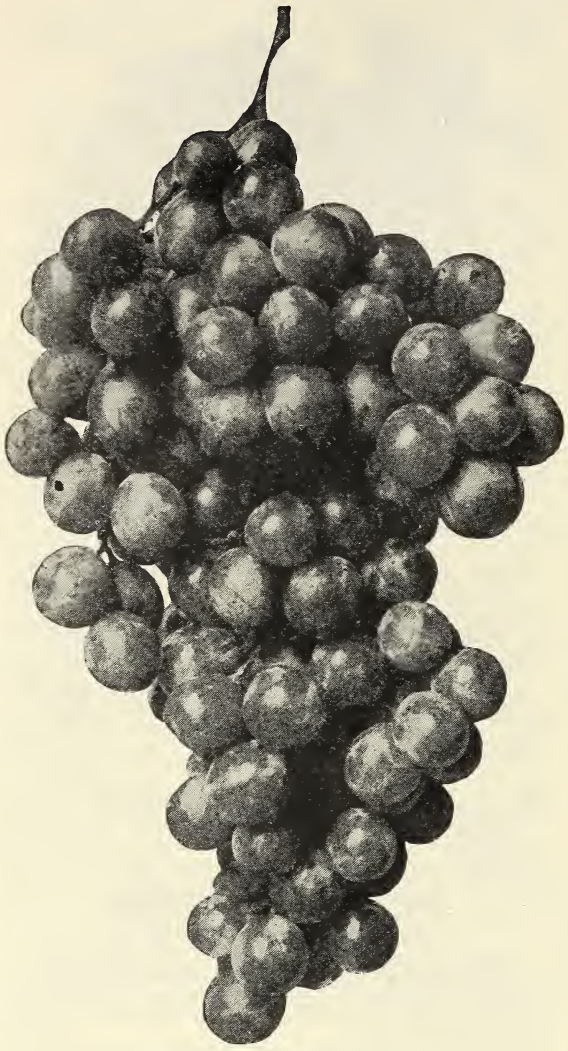
WINTER BARTLETT—Large smooth yelloow with blush; tender, juicy and melting. A grand Winter pear. Ripens in November.

KEIFER—Large and handsome; rich yellow, sprinkled with small dots and often tinged with red. Flesh white, buttery and juicy. Pick in November and ripen in the dark.

WINTER NELLIS—Medium size, skin yellowish green and russet. Flesh yellowish white, rich, juicy and delicious. A splendid keeper and fine shipper. Pick in November and ripen in the dark.

(Use Macabee Gopher Traps — 25c)

FRUIT TREES



THOMPSON'S SEEDLESS

GRAPES

Each 25c; $2.50 per dozen
Add 3c each if wanted by parcel post.

THOMPSON SEEDLESS—Bunches very long and loose, greenish yellow, and of fine flavor; vine a rapid grower and excellent for trellis. Ripens in August.

MUSCAT—Oval, white. A raisin or wine grape of richest flavor. Bunches large and loose; excellent for shipping.

MISSION—A strong grower, bearing large, loose bunches of round purplish black medium-sized berries. Sweet, juicy and delicious. Ripen in September.

ROSE OF PERU—Vine a strong grower, well adapted for arbors. Very large, round, black and firm. Skin thick. Ripens in October.

TOKAY—Handsome large berries, pale red, covered with bloom; skin thick, flesh firm and sweet. Bunches large and moderately compact.

BLACK CORNICHON—Bunches long and loose; berries oval, tapering at both ends; skin thick and dark; covered with bloom; flesh firm, with pleasant flavor.

QUINCE

Price—85c each; $8.00 per 10
Add 15c per tree if wanted by parcel post

ORANGE QUINCE—Large bright golden yellow of excellent flavor. Cooks tender. Valuable for preserves or flavoring. Ripens in September and October.

PINEAPPLE—Fruits large and fine. Tree hardy, healthy and prolific.

PECANS

Price, Budded—$2.00 to $3.00. By express only
Good flavor, nuts large, shell thin. Quality good and heavy bearers.

ALMONDS

Price—85c each;$8.00 per 10
Add 15c per tree if wanted by parcel post

NONPAREIL—One of the paper shell type, with large whole kernels. Tree of a weeping habit of growth and very ornamental. A remarkably heavy and regular bearer.

OLIVES

5-8 to 3-4, $1.00 each; $9.00 per 10
3-4 to 1-inch, $1.25 each; $11.00 per 10
By express only

MANZANILLO—Purplish black, 1 inch long. Produces oil or green or ripe pickles of the highest grade. Ripens in October.

MISSION—Fruit medium to large. Gets black. Succeeds well under all circumstances. Ripens late.

PLUMS

Price—75c each; $7.00 per 10
Add 15c per tree if wanted by parcel post

BURBANK—Fruit large, round, red. Flesh yellow, firm, juicy and of fine flavor. Ripens in July.

CLIMAX—Very early, large and of delicious flavor. The leader in shipping plums. Ripens in June.

GREEN GAGE—Medium size, yellowish green, richest flavor, skin tender. Ripens in July.

SATSUMA—Medium to large, skin dark red, with thin bloom of lilac shade. Flesh dark blood red, firm, solid and juicy. Ripens in August.

WICKSON—Very large, heart shape, deep red, flesh, firm, juicy, and of fine flavor. Excellent shipper. Ripens in early August.

KELSEY—Very large, heart-shaped, skin yellow, shaded with red. Flesh yellow, firm, juicy and of pleasant flavor. Ripens August and September.

SANTA ROSA—Dark purplish crimson fruit, flesh pale amber near the skin. Good for shipping or for home use. Ripens in July.

SHADE TREES

ARIZONA ASH—Considered the most satisfactory shade tree for Southern Arizona. While it is not of rapid growth, it seems better adapted to our soil and climatic conditions than most others. We have no hesitation in recommending this as our best shade tree. (3 to 4-ft., each 30c; 10 for $2.75); 6to 8-ft., each $1.25; 10 for $11.00); 8 to 12-ft., each $1.50; 10 for $13.50).

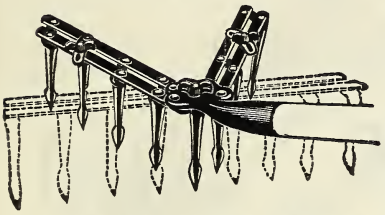
TEXAS UMBRRELLA—The umbrella forms a symmetrical round head. As a quick grower it has become very popular in arid and semi-arid regions. (3 to 4-ft., each 50c; 10 for $4.00); (5 to 7-ft., each 85c; 10 for $7.50); (7 to 9-ft., each $2.00; 10 for $17.50).

(See page 70 for Garden Hose)

PULL EASY (Adjustable) GARDEN TOOLS

Here they are! The very best buy in the garden tool line. We are giving space in our catalog to this line of garden tools because they are just the tools you want to make your gardening profitable as well as a pleasure.

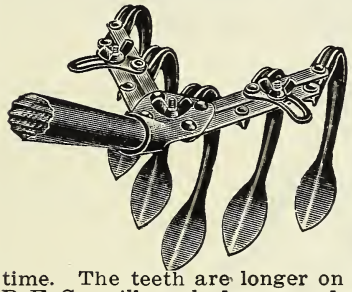
No. P. E. C.
PULL EASY CULTIVATOR RAKE



This cultivator works wonders in the garden. So easy to handle and such satisfactory results. It is adjustable in width from 6 to 18 inches, adapting it to any width of row. All adjustments can be made by hand by means of wide winged thumb nuts. The 9 teeth, pressed from high grade carbon steel, thoroughly pulverize the soil and make the finest kind of deep seed beds. Center tooth is removable so that both sides of the row may be worked at the same time. The handle is of high grade ash, 4½ feet long, beautifully finished.

No. P. E. C. Cultivator Rake, each.....$1.50
Shipping Weight, 5 lbs.

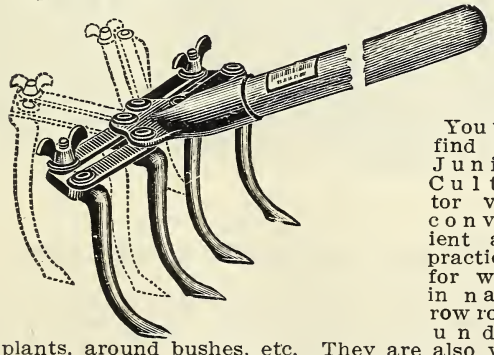
No. P. E. 5
PULL EASY CULTIVATOR HOE



This 5-prong cultivator hoe is light, sturdy and well-balanced. It is adjustable in width from 6 to 12 inches and has a removable center tooth so as to permit cultivating both sides of the row at the same time. The teeth are longer on this than on the P. E. C., will work deeper and stand more hard usage. They are deeply channeled to give strength with extreme lightness, and convexed so as to scour well. At its full width, it is also an excellent rake for preparing deep seed beds. Four-foot straight grained handle.

No. P. E. 5 Cultivator Hoe, each.....$1.40
Shipping Weight, 4 lbs.

No. P. E. J. 4
PULL EASY JUNIOR CULTIVATOR

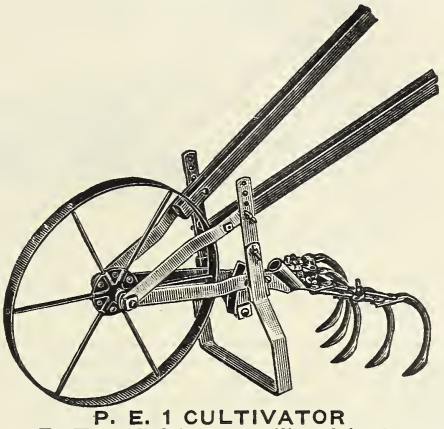


You will find the Junior Cultitor very convenient and practical for work in narrow rows, under plants, around bushes, etc. They are also very popular with women and children because they are so light, easy to handle and efficient in their work. It is equipped with 4 teeth, adjustable from 2 to 6 inches, and furnished with a 4-foot handle. This tool will give much better results in the garden than the ordinary hoe.

No. P. E. J. 4 Junior Cultivator, each.....90c
Shipping Weight, 2 lbs.

(See page 70 for GARDEN HOSE)

GARDEN CULTIVATORS



P. E. 1 CULTIVATOR

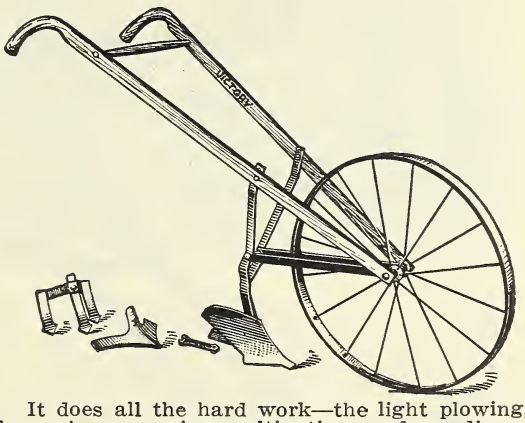
The P. E. 1 Cultivator will cultivate garden rows at any width, from 6 to 12 inches. No tools are required for the adjustments; they are made by means of wide-winged thumb nuts. Equipped with a sharp-edged Weed Cutter and an adjustable attachment, they will cut the weeds, uproot them and thoroughly pulverize the soil.

Teeth are high carbon steel. Frame and handles are adjustable in height. Cultivating attachments may be detached and used with handle as hand tools when desired. This permits cultivating flower beds and narrow corners not accessible to the wheel cultivators. Removable center tooth allows both sides of the row to be cultivated at the same time. The P. E. 1 has 5 teeth of high carbon steel, and well adapted for work in rough, cloddy soil, or for deeper cultivation.

These machines are light in weight, strong and sturdy in construction and will do all work any wheeled tool can. Weight, 12 pounds.

P. E. 1 Cultivator, each.....$4.50

VICTORY
WHEEL PLOW AND CULTIVATOR



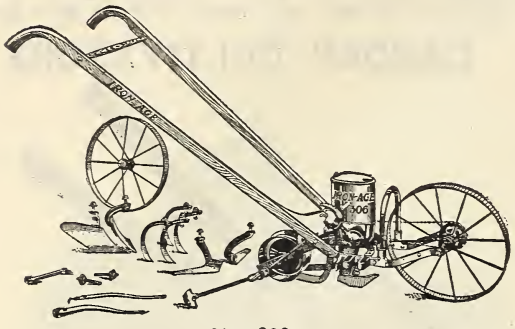
It does all the hard work—the light plowing, furrowing, covering, cultivating, and weeding—does in a few minutes what would take hours with old-fashioned tools.

It makes cultivating so easy that you can keep your soil loose and moist—in the best condition for heavy yields.

Each (by express only).....$7.50

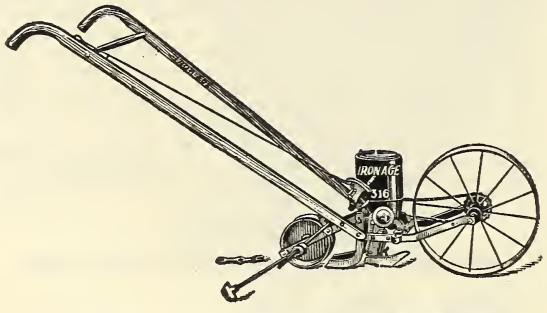
All of the above are priced f. o. b. Phoenix. If wanted by parcel post, add postage extra, according to shipping weight.

IRON AGE TOOLS



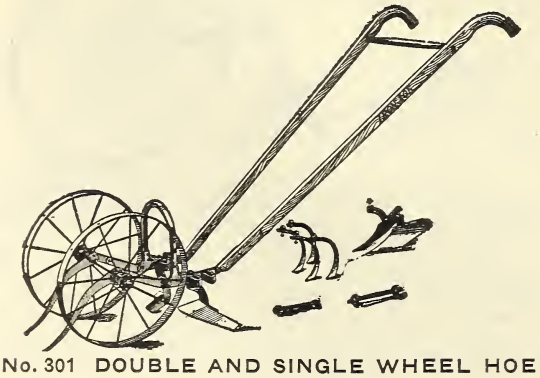
No. 306
COMBINED HILL AND DRILL SEEDER, DOUBLE AND SINGLE WHEEL HOE

This is our most popular and complete garden tool, especially planned for the convenience of the home gardener. Just the tool for the mechanic, professional man or a farmer who wants to help the wife with her garden. The specialist, too, who grows chiefly a single crop requiring few changes from seeder to wheel hoe will find No. 306 a most economical tool. Since it can be stored away in a small space and all changes can be quickly and easily made, it is a favorite with the home gardener in town or city. It will open its own furrow, sow in continuous rows or drop in hills, cover the seed with loose soil, pack it with a roller and mark the next row. **($22.00).**

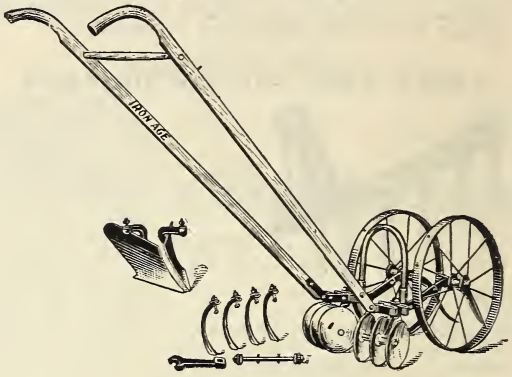


No. 316 HILL AND DRILL SEEDER

Here is an important tool, built especially for those who do not care for a combined tool but desire a separate machine for each purpose. The No. 316 will sow either in continuous rows or deep in hills four, six, eight, twelve or twenty-four inches apart. The change from hill to drill seeder takes but a moment. **($17.50).**



No. 301 DOUBLE AND SINGLE WHEEL HOE



No. 327 DOUBLE AND SINGLE WHEEL GARDEN DISC CULTIVATOR

Just the thing for cultivating young plants and leveling a dust mulch on the surface. The disc can be set either way and used astride or between the rows. They throw soil either toward or from the row. This is an ideal tool for many garden purposes. **($16.50).**

No. 320 SINGLE WHEEL HOE

A strong, durable tool, lower in price and lighter in weight than No. 401. It will do all the between the row cultivating, furrowing, ridging, weeding, leveling, etc., required in any home or market garden. The working tools with the No. 320 include one pair of side hoes, one land slide plow and three steel cultivator teeth. **($10.00).**

No. 301
DOUBLE AND SINGLE WHEEL HOE

This tool is equally valuable to the home gardener who may not now see the need of a seed drill, and to the truck farmer who prefers separate tools for the work of planting and cultivating. When the plants are young the Double Wheel Hoe may be used astride the row. Later the Single Wheel Hoe can be used in working between the rows. It will save your back and make gardening easy. **($14.00).**

GARDEN TOOLS

No. 1	File	8" 30c, 10" 45c, 12" 60c
No. 2	(Discontinued)	
No. 3	Scythe Snathe	2.25
No. 4	Scythe Stone	.35
No. 5	Scythe, Blade Best Material, each	2.25
No. 6	Two-prong Hoe, each	.90
No. 7	Warren Solid Socket, each	1.25
No. 8	Turf Edger, each	1.25
No. 9	Axe and Handle Complete, each	3.00
No. 10	Five-prong Cultivator, each	1.75
No. 10	Three-prong Cultivator, each	1.25
No. 11	Eye Hoe, without handle	1.25
No. 11	Eye Hoe, with handle	2.00
No. 12	Mattock, without handle	2.00
No. 12	Mattock, with handle	2.85
No. 13	Pitch Fork, 4-tine	$2.00
No. 14	Spading Fork, D. Handle	2.50
No. 14	Spading Fork, Long Handle	2.50
No. 14	Spading Fork, Highest Grade Steel, D. Handle	3.50
No. 15	Garden Rake, 14-tooth, Best	1.50
No. 15	Garden Rake, 12-tooth, Best	1.25
No. 16	Lawn Rake, 24-inch	1.25
No. 17	Acme Weeding Hoe	1.40
No. 18	Solid Shank 6½" and 7½"	1.10
No. 19	Scuffle Hoe	1.35
No. 20	Post Hole Digger	3.00
No. 21	(Discontinued)	
No. 22	Irrigation Shovel	2.50
No. 23	(Discontinued)	

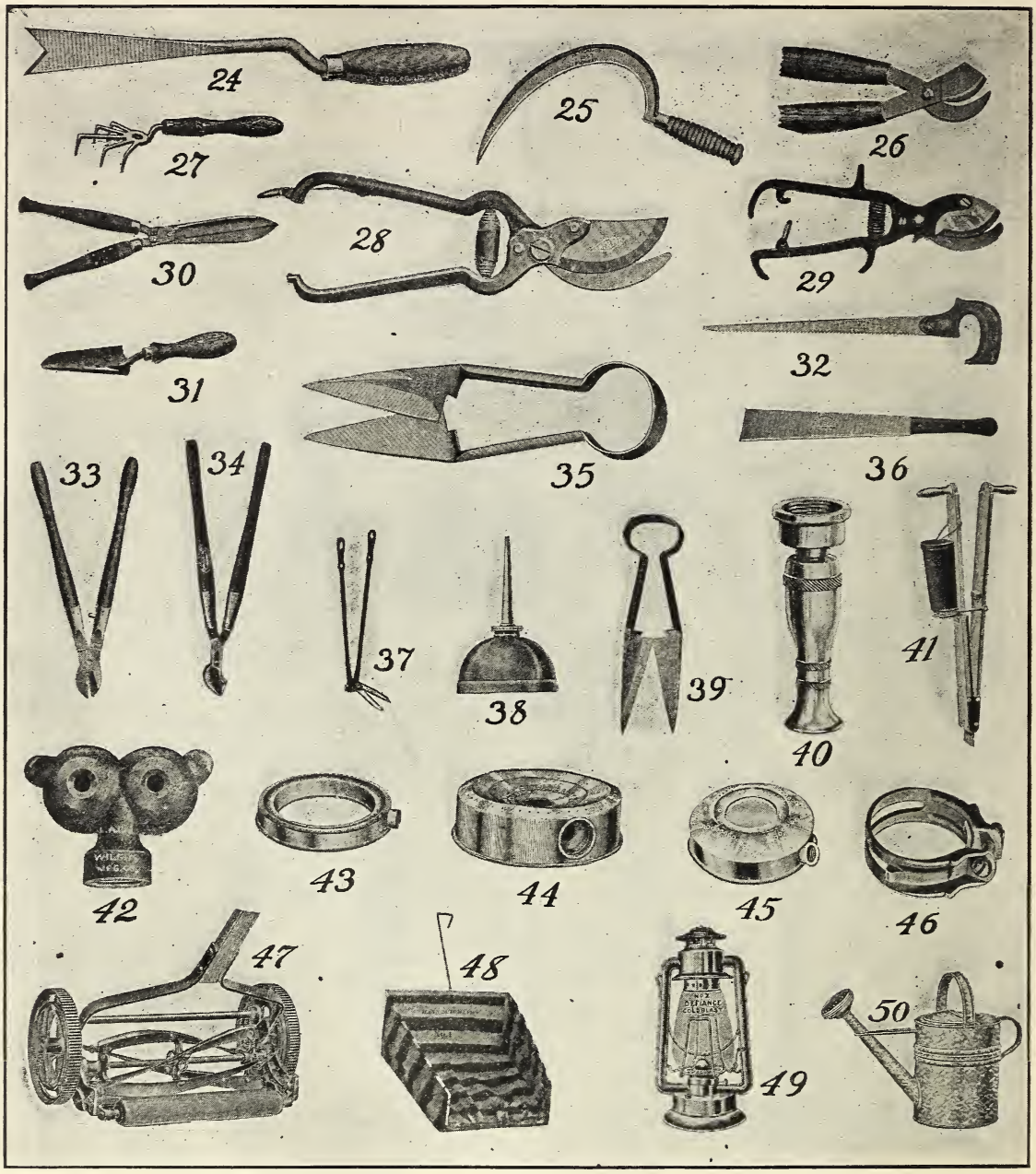
Above prices f. o. b. Phoenix

We will give customers the benefit of any decrease in prices as same become effective

(Plant Morning Glory for quick shade)

BUY THE BEST—WE DO

GARDEN TOOLS AND LAWN SUPPLIES



No. 24	Asparagus Knife	$ .75
No. 25	Grass Hook	.60
No. 26	Pruning Shear, long handle	2.50
No. 27	Excelsior Weeder	.25
No. 28	Pruning Shear	1.50
No. 29	Pruning Shear	1.00
No. 30	Hedge Shear	2.50
No. 31	Steel Trowel	.75
No. 31	Transplanting Trowel	.25
No. 32	Pruning Saw	1.75
No. 33	Pruning Shear, Rhodes	2.50
No. 34	Pruning Shear, Heavy Steel	3.50
No. 35	Grass Shears	.75
No. 36	Corn Knife	.85
No. 37	(Discontinued)	
No. 49	(Discontinued)	
No. 38	Oil Can, copper-plated	$ .25
No. 39	Grass Shears	1.25
No. 40	Mystic Nozzle	1.00
No. 41	Corn Planter	2.00
No. 42	Twin Spray	.50
No. 43	Brass Ring Sprinkler	1.25
No. 44	Baby Ring Sprinkler	.75
No. 45	Baby Fountain Sprinkler	1.00
No. 46	Hose Clamp, ¾-inch Ideal, each	.10
No. 47	Lawn Mower, 5-blade, 16-in...$16 to	26.00
No. 47	Lawn Mower, 5-blade, 18-in...$24 to	30.00
No. 48	Grass Catcher, galvanized bottom	2.50
No. 50	Sprinkling Can, 8-qt	1.40
No. 50	Sprinkling Can, 12-qt	1.90

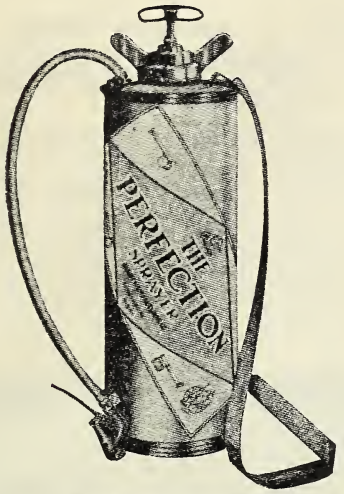
Above prices f. o. b. Phoenix

We will give our customers the benefit of any decrease in prices as same become effective

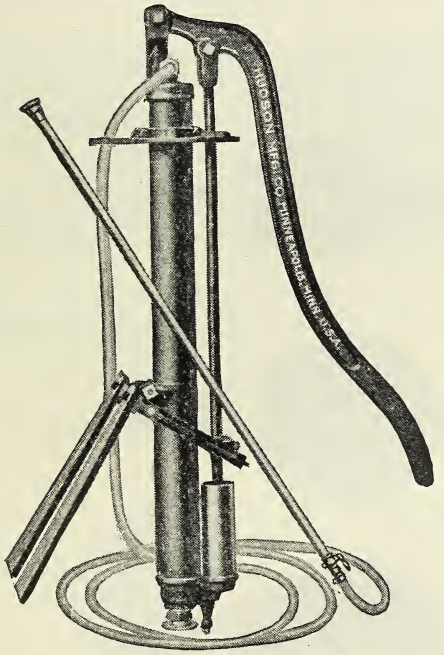
BUY THE BEST—WE DO

(See page 70 for Garden Hose)

SPRAY PUMPS

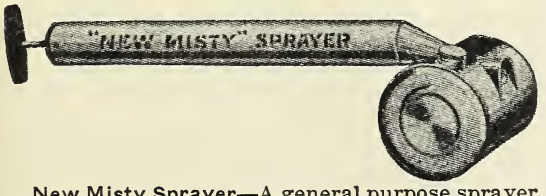


THE PERFECTION



No. 4 BARREL PUMP

No. 4 Barrel Pump—This pump is made to fit in a barrel and has ample capacity for two lines of hose. May be put on a sled or wagon. We suggest 20 feet of hose for each line of Fog Nozzles. Complete with hose, extension rods, shut-off and nozzle, ready for use, **$30.00.**



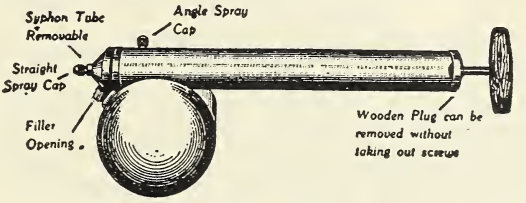
New Misty Sprayer—A general purpose sprayer for farm, stable or garden uses. Handles fly-oils, bug poisons and disinfectants. Has large, powerful pump. Lock seamed can. Made of heavy tin. Tank 4x4½ inches. Length over all, 21 inches. Holds one quart. **Price each, 75c,** postpaid.

(Insure your crops by early spraying)

PERFECTION PUMP

This is one of the best all-purpose pumps made. Hundreds of them are in use in the Salt River Valley for garden spraying, whitewashing, coop disinfecting and many other things. For spraying in the garden we suggest the **Perfectcion,** including the extension rod attachment. This enables the operator to spray the underneath side of leaves in melons, etc. Rose bushes and small fruit trees may be sprayed with the **Perfection** and for all-around garden use it will pay for itself in one season. It is equipped with four feet of hose and a three-foot brass extension rod with angle or straight nozzle.

(Price $9.50, f. o. b. Phoenix).



CONTINUOUS ATOMIZER—This pump operates continuously on the up and down stroke and throws a fine, misty spray. Will handle all solutions of insecticides and disinfectants. Capacity, 1 quart. **(Each $1.25),** postpaid.

"MODOC" BUCKET PUMP

The cylinder or barrel is very large size and is made of heavy brass tubing. The plunger, also made of brass tubing, extends the full length of the pump inside the barrel. The plunger is hollow, forming the air chamber, which insures a steady flow of liquid and largely increases the pump's capacity. The pump is equipped with 3 feet of ½-inch five-ply pressure spray hose attached with clamps. This pump will throw a straight stream, handle whitewash and other spray liquids with the same nozzle, by simply turning the disc in nozzle. Guaranteed to have a larger capacity than any similar pump.

Price each $5.50, f. o. b. Phoenix.

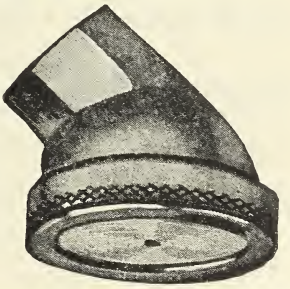
FAVORITE

FAVORITE—A compressed air sprayer very similar to the Perfection, except that it is smaller, having but 3½-gallon capacity. This pump is not equipped with extension rod. Excellent for use in disinfecting chicken coops and spraying a small garden or rose bushes.

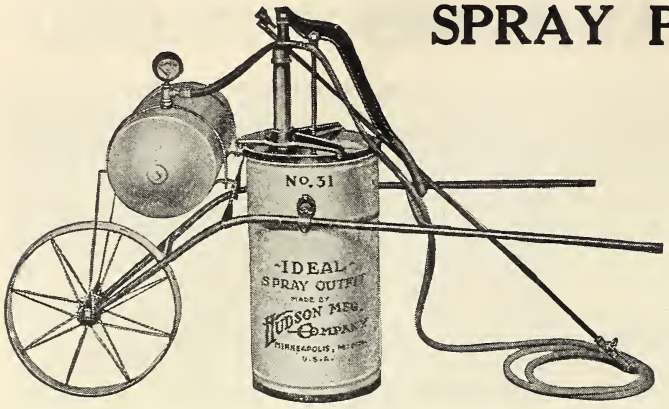
Price $7.00, f. o. b. Phoenix.

FOG NOZZLE

Fog Nozzle — For use on the Perfection or any power pump. As its name indicates, it produces a fog spray; ¼-inch connection. Angle or straight. **(Each $1.00,** postpaid.



SPRAY PUMPS



IDEAL OUTFIT No. 31

This outfit is light, compact and easy to operate. The tank holds fifteen gallons, is mounted so that the liquid will not slop or spill, and in a way that makes it easy to handle. The pump spreads across the top of the tank and is held firmly in place by a thumb nut. It has the largest air chamber of any spray pump of corresponding size. This enables the operator to keep a uniform pressure at the nozzle.

Price $48.00, f. o. b. Phoenix.

GARDEN HOSE

WINGFOOT—Guaranteed 2 years; ¾-inch couplings. **(25 ft. $5.50), (50 ft. $10.00).**

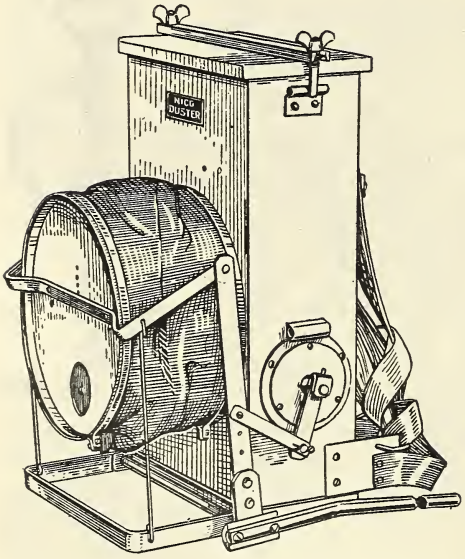
ELM—Guaranteed one year; ¾-inch couplings. **(25 ft. $4.50), (50 ft. $8.00).**

SPRAY HOSE

We have the special Good-Year moulded spray hose which will stand the high pressure necessary. Can supply this in any length. It doesn't pay to buy cheap spray hose.

Price per foot, 30c.

DUSTING MACHINES

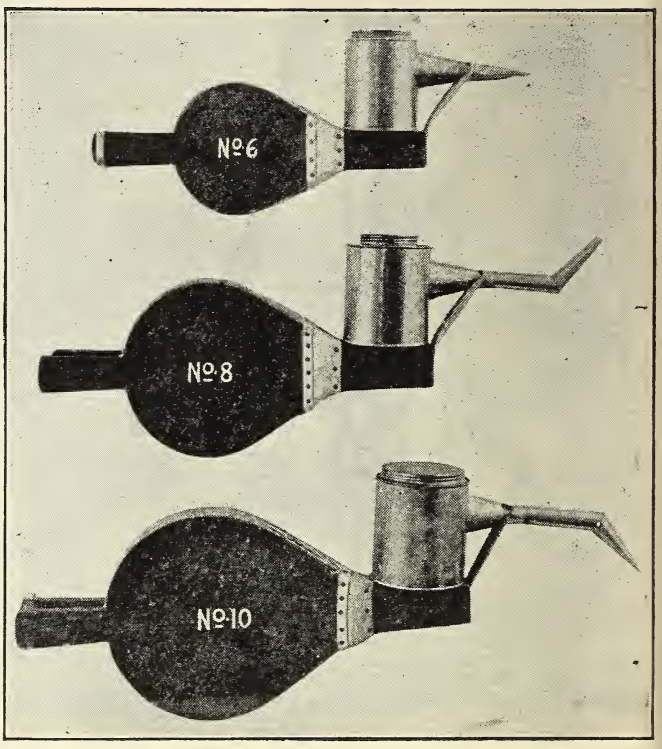


NICO DUSTER

THE IMPROVED POWDER DUSTER

It is easily recognized as the best powder duster on the market. The absence of all cogs and wheels insure it against breakage through hard usage. If you have from 1 to 100 acres of melons or vine crop to dust, it will pay you to use this Duster.

Price complete. with extension pipe, $18.50, f. o. b. Phoenix.



Undoubtedly the best hand blower on the market. Gives the best results with the least amount of labor and material.

Operator can stand at a safe distance when using this blower, therefore preventing him from inhaling any of the poisonous material used.

Throws a cloud-like dust, covering all parts of plant, etc., with an even dusting and has a reversible nozzle for dusting at all angles.

We carry all kinds of dusting material required for different purposes.

Write us for particulars, saying what pests you wish to dust for.

Made in three sizes—No. 6, $3.75; No. 8, $4.50; No. 10, $6.00, f. o. b. Phoenix.

INSECTICIDES AND POISONS

Poisons cannot be sent by mail.

POISON MIXTURES—We will furnish on request formulas for any mixtures desired in combating insects and plant diseases. Write us fully regarding any difficulty you may be having and we will give you expert advice.

DUSTING WITH A NICO DUSTER

NICO DUST

INSURE YOUR CROPS with the intelligent use of **NICO DUST. NICO DUST** is a dry powder which, applied with a blower, affords a material saving in time, labor and expense. A trial will convince you that it is both effective and economical. Our best recommendation is the hundreds of repeat orders we received last season for use in combatting Aphis on melon vines.

GENERAL DIRECTIONS FOR APPLYING

Do not wait until the pests become abundant because by that time great damage has been done. Get a good dusting machine and dust the plants thoroughly. Apply direct to infected portions of the plants. **"NICO DUST"** products are most powerful in warm, bright sunshine and should be applied when the air is still or disturbed only by a slight breeze. Dusting in the early morning gives the best results.

It is an extremely fine dust, and has greater power of penetration than the liquid spray. It gives off a strong nicotine gas or vapor which kills insects even when none of the dust actually reaches them. It is made especially to exterminate insects such as cabbage aphis, melon aphis, grape leaf hoppers, onion thrip, citrus thrip, and all plant lice.

NICO DUST is made in three strengths. Order by number and specify what pest you wish to combat.

NICO DUST No. 5 contains 5% Nicotine. **(5-lb. package $2.00), (25-lb. steel drum, $6.50), (100-lb. drum—Ask for prices).**

NICO DUST No. 6 contains 6% Nicotine. **(5-lb. package, $2.25), (25-lb. drum, $7.00), (100-lb. drum—Ask for prices).**

NICO DUST No. 10 contains 10% Nicotine—Very effective. **(5-lb. package, $2.75), (25-lb. drum, $9.00), (100-lb. drum—Ask for prices).**

ABOVE PRICES ALL F. O. B. PHOENIX

NICO GARDEN DUST—Put up especially for the family garden for use on vegetables, small fruits, rose bushes, all vines and flowers, where there is a variety of pests to contend with, such as aphis, leaf hopper, red spider, etc. **½-lb. package,** with sifter top, 50c), postpaid.

CARBON BI-SULPHIDE—Used to exterminate ants, gophers and weevil. Cannot be sent by mail. Packed for express, **(Pint, 50c), (quart, 85c), (gallon, $2.50).**

ARSENATE OF LEAD—The most effective of all insecticides for spraying purposes. Especially adapted for use on tender plants and foliage. **(Lb. can, 70c), (5-lb. pkg., $3.00).**

ATOMIC SULPHUR—Prevents and cures mildew on peas, roses, beans, grapes, etc. Use no other if you wish results. **(Per bottle $1.00).**

FISH OIL SOAP—When used in connection with nicotine solutions it better enables the spray to stick to the foliage. **(Lb. 25c), (10 lbs. $2.00).**

WATCH-IT-GET-EM—This is a complete line of insecticides for the most common insects about the home. The ant powder, the bed-bug, the fly, and also the roach are by far the best and most efficient insecticides of their kind. Sold on a guaranteed basis. In **25c, 50c** and $1.00 size cans. When ordering specify particular insect. **Can be mailed.**

BLACK LEAF 40—A solution of nicotine sulphate containing 40 per cent nicotine. The most highly recommended spray for soft-bodied sucking insects, such as plant lice, thrips, leaf hoppers. **(Small bottle, 35c), (½-lb., $1.25), (2-lb., $3.75), (10-lb.. $15.50).**

LONDON PURPLE—Thousands of pounds of London Purple are used each year for the destruction of ants. Dust a small quantity on the hill each time ants are seen to be operating and they will soon be exterminated. **(1-lb. can, 50c), (5 lbs., $2.00), (10 lbs., $3.85).**

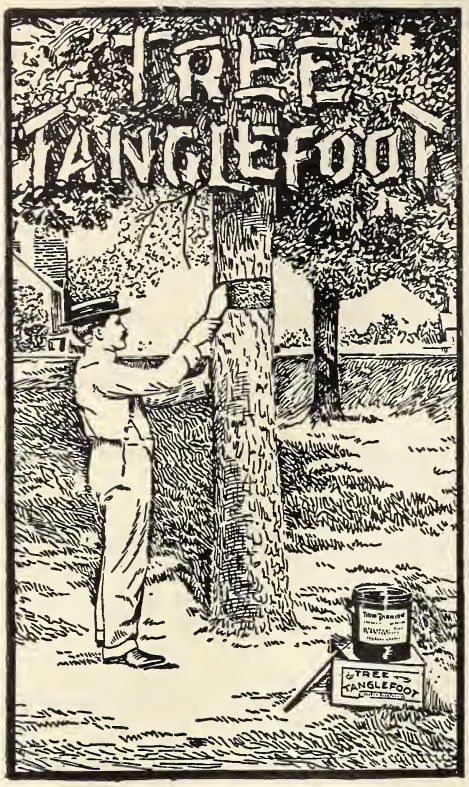
PARIS GREEN—The old reliable destroyer of all chewing insects, such as potato bugs, coddling moth caterpillars, etc. **(¼-lb. 25c), (1-lb. 90c), (5 lbs. $3.75).**

BLACK STRAP—For use in preparing a poison for grasshoppers and cut worms. **(Gallon, $1.00).**

SULPHUR—(Powdered)—**(Lb. 15c), (10 lbs. $1.25).**

TOBACCO DUST—For green and black fly, plant lice, etc. Apply when foliage is moist. **(Lb. 25c).**

GOPHER BANE—A very effective poisoned grain for gophers, field mice, etc. **(Pkg. 50c),**



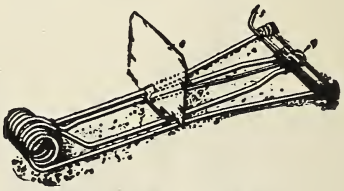
Tree Tanglefoot

SAVE YOUR TREES

For protecting trees against climbing insect pests in a simple, economical and effective way, use **Tree Tanglefoot**—a stick substance applied directly to the bark of trees. One application remains sticky on the trees three months fully exposed to the weather. Easily applied with a small wooden paddle; 1 pound will spread 8 feet long by 5 inches wide, 1-16 inches thick. Will stay on the trees three months. **(1-lb. cans, 60c; 5-lb. cans, $2.50; 10-lb. cans, $4.75; 20-lb. cans, $9.00). Mailable. Postage extra.**

Write for free circular on Tanglefoot.

GOPHER TRAPS



MACABEE TRAPS

Made of heavy wire and spring.
(Each, 25c), (dozen, $2.25).

FERTILIZERS

GROMORE
DEPENDABLE
TRADE MARK
FERTILIZER

ODORLESS—CLEAN—EFFICIENT

No Filler—No Bulk—All Fertilizer

BEST MONEY CAN BUY
BEST EARTH CAN PRODUCE

For Lawns, Flowers, Gardens, Shrubs, House Plants, Fields and Orchards

Book **FREE**—Tells just **HOW**

A 25-lb. bag covers a lawn space of 1200 square feet. Lasts a year or more.

A tablespoonful to hill of potatoes, tomatoes or ordinary rose bush means abundant flowers, crisp and early vegetables.

A teaspoonful for 6 to 8-inch potted plant. Ferns love it.

(2-lb. pkg., 50c), (25 lbs. in cotton bag, $3.00).

COTTON PICKERS' SACKS

6-ft., 8-oz.—Best quality . . . .
7½-ft., 8-oz.—Best quality . . . .
9-ft., 8-oz.—Best quality . . . .

Write for prices.

NITRATE OF SODA

Contains about 15 per cent nitrogen. It is a very quick acting fertilizer and best applied after plants are growing. Successfully used in forcing large flowers and beautiful green foliage. Apply in liquid form at the rate of ½ oz. to 1 gallon of water.
(Lb. 15c), (10 lbs. $1.00).

BONE MEAL FERTILIZER

White steamed, a finely ground material of high quality, useful for all crops, but especially for grass lands, fruit trees and flower beds.
(Lb. 10c), (5 lbs. 50c), (10 lbs. 80c), (100 lbs. $4.50).

BLOOD MEAL

Pure Dried Blood—This is a highly nitrogenous fertilizer, rich in plant food and an excellent material for increased growth and a profusion of flowers and fruit.
(Lb. 10c), (5 lbs. 40c), (10 lbs. 70c), (100 lbs. $6.00).

GYPSUM

A very high grade material, useful for correcting black alkali, loosening the heaviness of adobe and other heavy soils.
(10 lbs. 50c), (25 lbs. $1.25), (50 lbs. $2.00), (100 lbs. $4.00).

AIR SLACKED LIME

Used to correct any acid conditions existing in the soil.
(Lb. 10c), (5 lbs. 30c), (10 lbs. 50c).

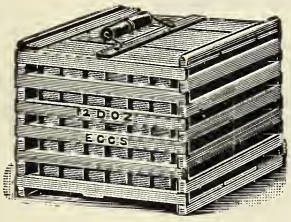
Add postage to above prices on Fertilizer when wanted by Parcel Post.

Write for Quantity Prices on Fertilizers.

BUY THE BEST—WE DO

(Plant a Family Garden)

POULTRY SUPPLIES



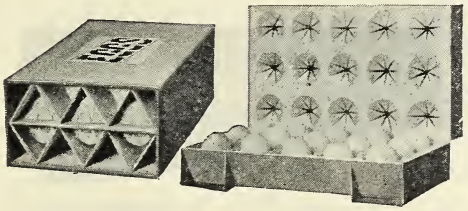
Humpty Dumpty Egg Carrier

HUMPTY DUMPTY EGG CARRIERS

Made in sizes to hold 3, 6 and 12 dozen eggs respectively. The best returnable shipping crate on the market and a handy crate to deliver eggs to the market.

Complete with pasteboard fillers:

3-doz. size, each..$ .60
6-doz. size, each.. .90
12-doz. size, each.. 1.10
Postage extra

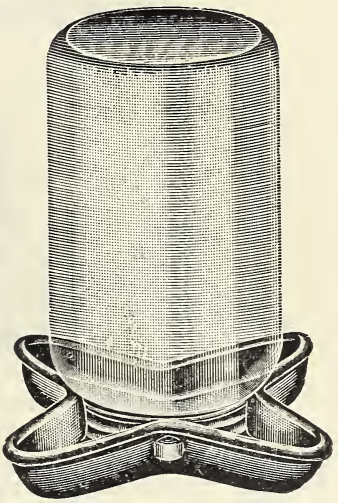


DIAMOND EGG BOXES—Take no chances on breakage. **Diamond Parcel Post Egg Carriers** will protect you against loss. 15-egg size for hatching eggs, each, 40c; 30-egg size for hatching eggs, 60c; one-dozen egg size, 40c, postpaid.

MARKET EGG CARTONS—Heavy Cardboard Cartons holding one dozen eggs. 1 doz. 35c; $2.50 per 100; 50 at the hundred rate.

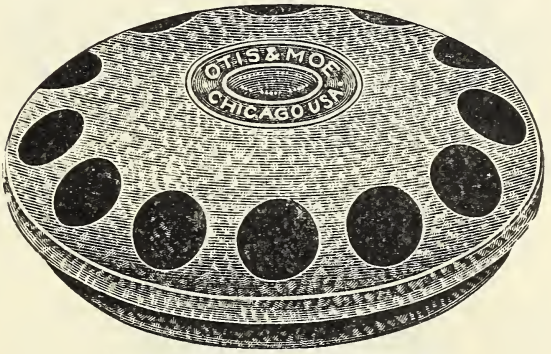
OLLA FOUNT—Of porous stone ware, strong and durable. They are popular with poultrymen because they keep the water cool and refreshing; cannot be upset by the fowl and are easy to keep clean. (1 qt. 50c), (2 qt. 75c) (4 qt. $1.25), postage or express extra.

The Most Simple, Practicable and Durable Mason Jar Fount on the Market.



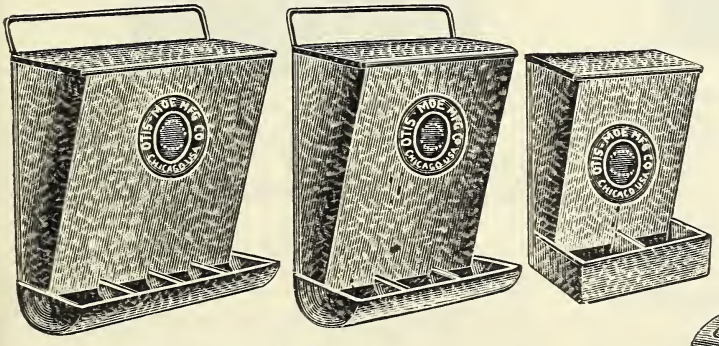
Will fit pint, quart or one-half gallon Mason jar. Manufactured of one piece of non-rusting metal. No parts to come unsoldered. Leaking impossible. Convenient, cheap and sanitary. Provides greater drinking surface than the round fountain. Little chicks can not get drowned. Can be used for feed as well as water. Manufactured in one size only.

(Each 15c), (doz. $1.65), postpaid.



MOE'S CHICKEN FEEDER

Great feed saver, as the little chicks cannot get into it and contaminate the feed. Can also be used for water. This is not a novelty, but a practical, well-made feeding device that will last for years. Made of the best grade of galvanized iron in two sizes. (Small, each, 25c; large, each, 35c), postpaid.



GRIT AND SHELL BOX

Made of galvanized iron with three compartments; fitted with hinged lid and strong bail for hanging clear of litter; may be used for grit, shell, charcoal, bone or beef scraps.

2 Compartment, $ .65
3 Compartment, 1.25
4 Compartment, 1.50

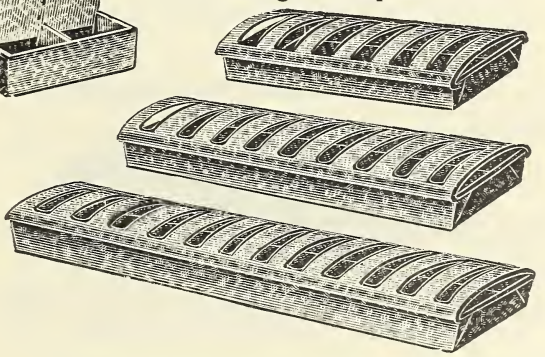
Postage or express extra.

SANITARY FEED PANS

Can be used for feed, wet mash or water. Barred top prevents wasting of feed. Made of the best galvanized iron in 3 sizes.

No. 21 12 inches long....$ .65
No. 22 18 inches long.... .85
No. 23 24 inches long.... 1.25

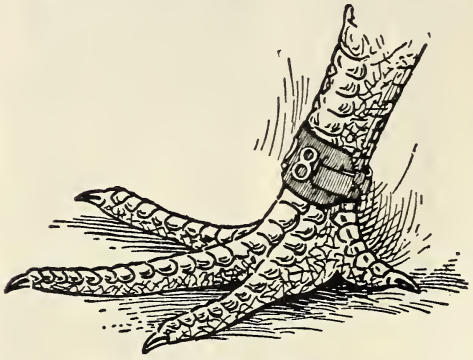
Postage or express extra.



(Use Blatchford Chick Mash —— See page 75)

POULTRY SUPPLIES

LEG BANDS



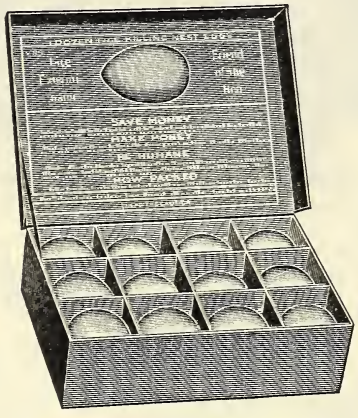
IMPROVED CHAMPION

Made of aluminum in two sizes; adjustable to fit any fowl. Held by double lock, it is impossible for them to be lost. (12 for 15c), (25 for 30c), (100 for 85c), postpaid.

CELLULOID BANDS

Made in six sizes and ten colors. Light, durable and will stay where you put them. When ordering, please specify breed of chickens the bands are intended for. (12 for 15c), 25 for 30c), (100 for 85c), postpaid.

NEST EGGS



MEDICATED NEST EGGS

Contain a powerful disinfectant which is guaranteed to expel lice and vermin. (Each 10c), (doz. 95c), postpaid.

PORCELAIN

We handle only the best grade of china nest eggs. (50c dozen).

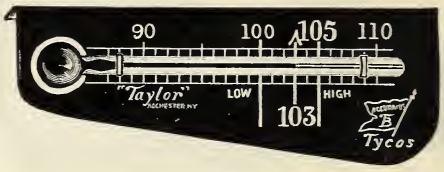
PETTY'S POULTRY PUNCH

One of the most convenient punches made. It is small and easy to operate, cutting a clean hole every time. (Price 25c), postpaid.

THERMOMETERS

BROODER THERMOMETER

When placed in a hole in top of brooder or hover, the scale may be read from the outside whlie the bulb of the thermometer is inside. (Each $1.50), postpaid.



No. 1 INCUBATOR THERMOMETER

Incubator Thermometers—Many persons using incubators and brooders fail to understand the importance of having a thoroughly tested and reliable thermometer. We have the famous Tycos line, which are considered the best procurable.

No. 1 Thermometer, (each $1.25), postpaid.

TYCOS HYGROMETER

The amount of moisture required during a period of incubation varies and should be tested. This may be done accurately with a hygrometer. (Each $2.00), postpaid.

POULTRY BOOKS

Call of The Hen. By Hogan	$2.00
The Plymouth Rocks	1.00
The Leghorn	1.00
How to Feed Poultry for Profit	1.25
Profitable Culling and Selective Stock Breeding	1.50
The Rhode Island Reds	.75
Ducks and Geese. Complete Guide to Breeding	.75
Standard of Perfection	5.00
Turkeys, Their Care and Management	1.00
Cage Birds	.20

BLATCHFORD'S CHICK MASH

YOU will be surprised how rapidly your chicks will grow when fed on *Blatchford's Chick Mash* (formerly Blatchford's Milk Mash). Many users say they can almost *see* the little fellows grow. In fact there isn't another feed on the market that will push them along so rapidly, so satisfactorily. They just grow and *grow* and GROW.

BLATCHFORD'S is not simply a feed for chickens. It is a carefully milled and prepared milk-substitute which is used by the most prominent poultrymen in the country for starting and growing their chicks. We recommend it. A trial will convince you that it is in a class by itself.

5 lbs.	$ .60	50 lbs.	$3.75
10 lbs.	1.00	100 lbs.	7.00
25 lbs.	2.00	Postage or express extra	

CONKEY'S POULTRY REMEDIES

	Small	Medium	Large
Conkey's Roup Remedy	$0.30	$0.60	$1.20
Conkey's Roup Pills	.30	.60	1.20
Conkey's Cholera Remedy	.30	.60	.....
Conkey's Gape Remedy	.30	.60	.....
Conkey's White Diarrhoea Remedy	.30	.60	.....
Conkey's Sorehead & Chicken-Pox Remedy	.30	.60	.....
Conkey's Lice Powder	.30	.60	.....
Conkey's Lice Liquid	.60	.90	1.50
Conkey's Head Lice Ointment	.15	.30	.....
Conkey's Lice Fix	.30	.60	.....
Conkey's Poultry Tonic—packages	.30	.60	.....
Conkey's Poultry Tonic, 12-lb. pail	.....	.....	1.60
Conkey's Poultry Tonic, 25-lb. pail	.....	.....	3.00
Conkey's Noxide Dip..... .50	.75	1.25	2.00
Conkey's Canker Remedy	.60	.....	.....
Conkey's Bronchitis Remedy	.60	.....	.....
Conkey's Limberneck Remedy	.60	.....	.....
Conkey's Scaly Leg Remedy	.60	.....	.....
Conkey's Laxative	.60	.....	.....
Conkey's Poultry Worm Remedy	.30	.60	.....
Conkey's Poultry Conditioner	.30	.60	.....

CONKEY'S STOCK REMEDIES

Conkey's Stock Tonic	.30	.60	1.20
Conkey's Stock Tonic, 12-lb. pail	.....	.....	2.25
Conkey's Stock Tonic, 25-lb. pail	.....	.....	3.75
Conkey's Fly Knocker	.60	.90	1.50
Conkey's Colic Remedy	.60	.....	.....
Conkey's Warming Liniment	.60	.....	.....
Conkey's Worm Remedy	.60	.....	.....
Conkey's Pain Lotion	.60	.....	.....

POULTRY FEEDS

Poultry Feeds—We have a full line of Poultry Feeds, such as Bran, Rolled Barley, Laying Mash, Milo Maize, Scratch Feed, Beef Scraps, Wheat, Oyster Shell, Grit, Ground Bone, Charcoal, etc. The market on these items is constantly changing, therefore we do not catalogue prices. If you are interested, please ask us to quote you.

FRENCH'S POULTRY MUSTARD

A wonderful laying tonic. 1½-lb. pkg. 75c), (3-lb. pkg. $1.25), (5-lb. pkg. $1.75), postpaid.

POULTRY PEPPER—(Lb. 40c), postpaid.

POWDERED SULPHUR—(Lb. 15c), postpaid.

BLATCHFORD'S CALF MEAL

Blatchford's Calf Meal—The original milk substitute. Matures calves rapidly, making plump, glossy animals. One hundred pounds makes one hundred gallons. (25-lb. sack $2.00), (50-lb. sack $3.50), (100-lb. sack $7.00), f. o. b. Phoenix.

PEERLESS SCREW WORM KILLER

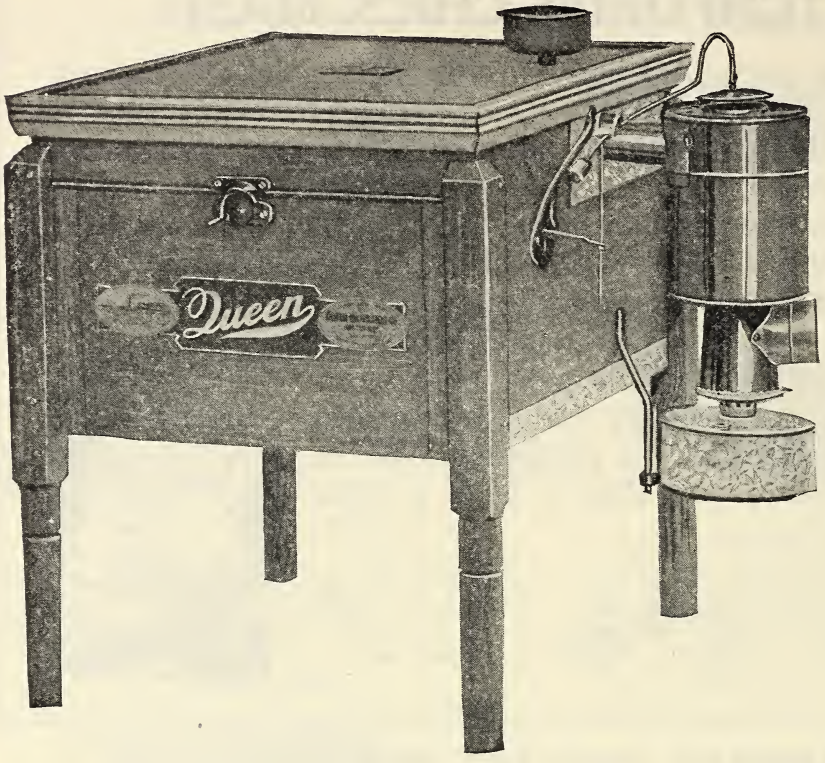
Peerless Screw Worm Killer—Will not burn or take the hair off. Kills the worms, seals the wound and keeps the flies away. (Bottle 40c).

CONKEY'S COW SPECIAL

Conkey's Cow Special—We call your particular attention to this preparation for barrenness, abortion, for cows off feed, etc. We sell it with the absolute guarantee that if you are not satisfied with the results obtained we will cheerfully refund the purchase price. (Medium size pkg. 60c), (large size $1.20).

(Plant Swiss Chard for Chicken Greens)

QUEEN INCUBATORS



HATCH
YOUR OWN
CHICKS
AND
SUPPLY
YOUR
NEIGHBORS

YOU WILL
FIND IT
PROFITABLE
AND IN-
TERESTING

FAMOUS FOR BIG HATCHES AND STRONG, HEALTHY CHICKS THAT LIVE AND GROW. HUNDREDS IN USE IN ARIZONA AND NEW MEXICO

For a dependable hatcher that will operate under varied conditions with uniformly good results the Queen Incubator is unexecelled. Ask for a Queen Catalogue if you want to know more about them before you buy.

No. 1— 85 Egg Capacity	$ 27.00
No. 2—135 Egg Capacity	37.00
No. 3—180 Egg Capacity	44.00
No. 4—275 Egg Capacity	55.00
No. 5—400 Egg Capacity	66.00
No. 25—600 Egg Capacity	103.00

Write for Prices on Incubator Parts

STYLE K QUEENS

This little machine is a wonder for the money. It is not so thoroughly constructed as the regular Queen, but it is of California Redwood, has a copper heating system and a special Queen Regulator. It will serve the need of those who want to get into the poultry business on a small scale economically.

No. 20— 70 Egg Capacity	$18.00
No. 21—130 Egg Capacity	29.00
No. 22—220 Egg Capacity	37.00

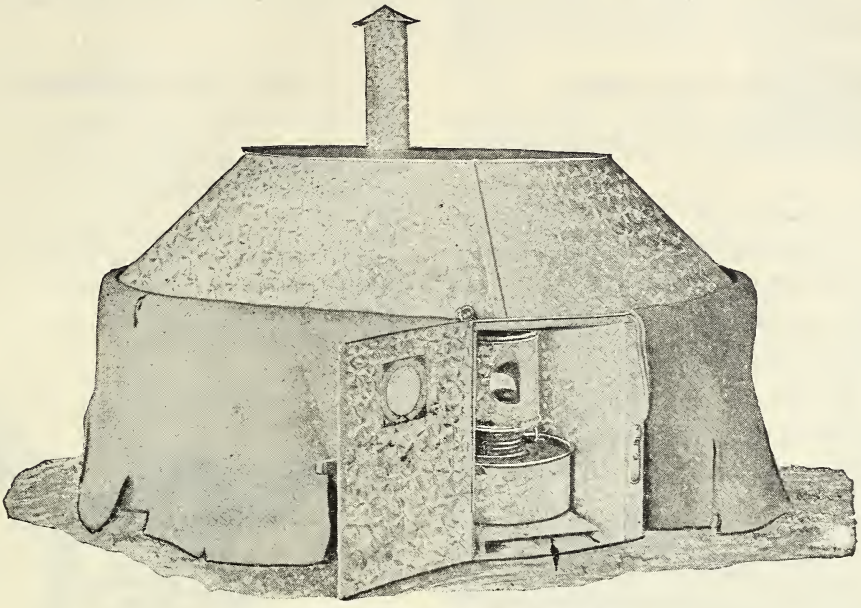
BUY THE BEST—WE DO

(Write for Prices on Poultry Feeds)

BROODERS

QUEEN PERFECTION HOVER

A REAL LAMP HOVER. BUILT FOR 100 TO 150 CHICKS



QUEEN PERFECTION HOVER

This Hover is actually built for 100 to 150 chicks. It is larger than the ordinary Hover that is commonly advertised for that many chicks. It is built of heavy galvanized iron and is well made. It supplies fresh air to the chicks without drafts and radiates even temperature. **Each $18.00.**

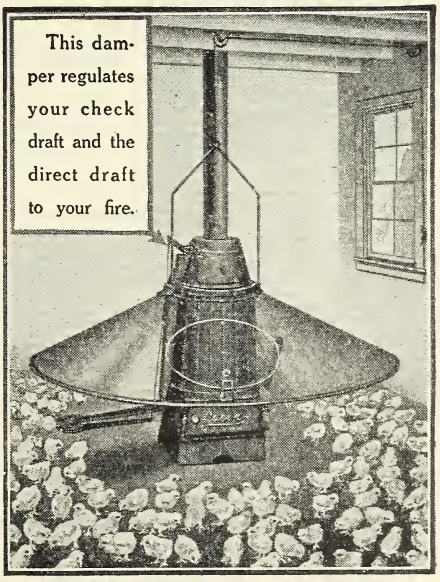
QUEEN COLONY BROODER

THIS IS A NEW AND IMPROVED DESIGN OF BROODER STOVE

We have studied the Brooder Stove situation in this country for eight years and have come to the conclusion that the coal burner is the most reliable and surely the most satisfactory stove for our climatic conditions. In the first place it is the most economical. Last season we proved by test that the **Queen Colony Brooder** ran the season on less than half the expense of our oil-burning stoves. The great objection to a coal-burning brooder stove is the fact that it burns coal, but we have proven to our own satisfaction that the saving in fuel, the absolute reliability and the convenience of the **Queen Colony Brooder** make it easily the most desirable brooder stove. Brooding chicks in Arizona is a serious problem. So many folks think that because the sun shines seven days in the week in a moderate climate that it is not necessary to make elaborate preparations for brooding, but that idea is all wrong. A chick that gets chilled is a weakling, its growth is stunted and it is subject to white diarrhoea. On the other hand, if they are kept warm and growing, the loss is very much less and a strong, healthy brood is the result. The original investment in a brooder stove may seem large, but if one stops to think that the loss of 200 chicks in a season will probably cover the original investment and the equipment is still good for years to come.

Good brooding is just as important as good hatching, and the **Queen Colony Brooder** will do the job right.

No. 1— 600 Chick Capacity.....$24.00
No. 2—1200 Chick Capacity..... 30.00



QUEEN COLONY BROODER

(For Healthy Chicks Use Blatchford Chick Mash)

BUY THE BEST—WE DO

DOG AND CAT REMEDIES AND SUPPLIES

DOG BISCUITS

A good dog should not be fed raw meat. It is unhealthful. Dog Biscuits contain all the nutritious ingredients adapted to the needs of a dog. It is a healthful, natural food; good for a dog's teeth, digestion and produces a glossy coat.

MALTOID MILK BONE

A scientifically compounded and perfectly balanced ration composed of all the good things which a dog enjoys.

Maltoid Dog Bone	Package	$0.45
Maltoid Puppy Bone	"	.45

Postage extra for 3 lbs.

SPRATT'S BISCUITS

Medium sized Cartons	Package	$0.50
Spratt's Fibo, for house dogs	"	.50
Spratt's Cod Liver Oil Cakes	"	.50

Postage extra for 3 lbs.

AUSTIN'S DOG BREAD

Medium sized Cartons	Package	$0.45
.25-lb. sack	"	4.00
.50-lb. sack	"	7.75
100-lb. sack	"	15.00

Postage extra

AUSTIN'S PUPPY BREAD

Write for quantity prices.

CAT REMEDIES

FREE—A Treatise on the Cat by George Clayton.	
Blood Purifying and Cooling Tablets. For all blood diseases, mange, eczema, etc.	$0.50
Canker Lotion Tablets. For all diseases of the ear	.50
Cough Remedy, for Coughs	.50
Diarrhoea Tablets	.50
Digestive Tablets. For all stomach disorders, for vomiting	.50
Distemperine and Distemperine Tablets. For Distemper	.50
Eye Lotion Tablets. For diseases of the eyes	.50
Fit Tablets. For fits	.50
Laxative Tablets. Acts directly on the liver and secretions	.50
Mange Remedy. For all forms of skin disease	.50
Mouth Wash. For all ulcerated conditions the mouth	.50
Soap—Kilflea	.30
Tape Worm Expeller Tablets. Will expel the tape worm	.50
Tonic Catnip Condition Tablets	.50
Vermifuge (liquid)	.50
Wash and Disinfectant. Kills fleas, disinfects	.30
Worm Tablets. Will expel worms	.50

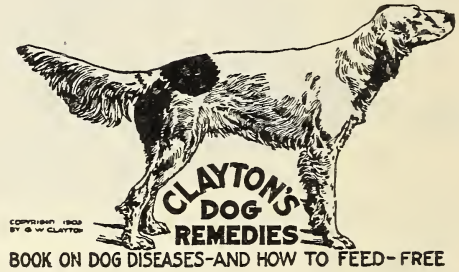
CATNIP MICE—Their object is to afford amusement to and benefit the health of cats. In endeavoring to catch the catnip it induces the cat to exercise. If you value kitty's health, give it a Catnip Mouse. (Each 15c), postpaid.

LOOSE CATNIP—(Package 20c), postpaid.

LIST OF ACCESSORIES

(Write for prices)

Dog harness in leather
Leather leads—flat, round
Lead chains
Leather collars for small dogs
Leather collars for medium dogs
Leather collars for large dogs
Leather muzzles
Fancy leather muzzles



Blood Purifying Pills	$0.50
Condition Pills, with pepsin	.50
Canker Lotion	.50
Canker Lotion (Tablets)	.50
Cough Cure	.50
Ceoline Dog Wash	.30
Ceoline Dog Soap	.25
Condition Pills, with pepsin	.50
Distemperine	.50
Distemperine Tablets	.50
Digestive Tablets	.50
Diarrhoea Cure	.50
Diarrhoea Cure (Tablets)	.50
Dog Soap—Kilflea	.30
Eye Lotion	.50
Eye Lotion (Tablets)	.50
Fit Cure	.50
Fit Cure Tablets	.50
Goitre Cure	1.00
Hair Tonic	.50
Kilflea Soap	.30
Kilflea Powder	.35
Laxative Pills	.50
Mange Cure	.50
Mange or Skin Cure	.50
Puppy Tonic	.50
Rheumatic Tablets	.50
Shampoo	.30
Sulphur Tablets	.50
Tape Worm Expeller	.50
Vermifuge (Liquid)	.50
Vermifuge (soft capsules)	.50
Worm Pills	.50

BUY THE BEST—WE DO

(90% of all orders filled same day received)

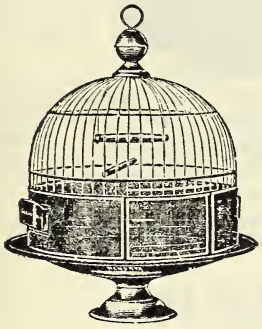
BIRD CAGES

The prices on Bird Cages are f. o. b. Phoenix. If wanted by mail, add 25c for postage

BIRD SUPPLIES

BIRD MANNA—Keeps Cage Birds in constant song. Each $0.15
BIRD BITTERS—A tonic for any Cage Bird, bottle ..... .30
RED GRAVEL—All birds need gravel strewn in the bottom of the cage. Per package, postpaid ..... .30
ORANGE COLOR FOOD—To be fed during the moulting season. It darkens the feathers a beautiful orange color. Pkg. .30
MOCKING BIRD FOOD—Specially prepared for soft bill birds. Package, postpaid ..... .60
SUNFLOWER SEED—Recleaned for parrots. Lb ..... .25, 10 lbs 2.00
PARROT TABLETS—For Polly's ailments .30
MITE POWDER—May be used for any cage birds. Package ..... .30
MOULTING PEPPER—For the moulting season ..... .30
NESTLING FOOD—For the baby birds ..... .30
MERICAN SALVE—For swollen and sore legs ..... .30
CUTTLE BONE—To sharpen the bill ..... .10
FISH FOOD—Per package, postpaid ..... .20
NESTLING HAIR—Makes a comfortable nest ..... .15
CAGE CUPS—Clear glass or opal, each ..... .25
BIRD BATH—Opal, medium size ..... .30
CAGE BRACKETS—Heavy nd well made, Each ..... .60
CAGE SPRINGS—Medium weight ..... .40
CAGE SPRINGS—Light weight ..... .30
CAGE SPRINGS—Fancy double coil ..... .60
BIRD SEED—For canaries. Package ..... .30
10 lb. bulk 2.25

Above prices postpaid.



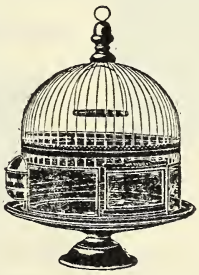
No. 674—Round brass and a very attrctive cage. We can supply this cage with or without the brass screen guard which is used to prevent seed being thrown out of the cage.

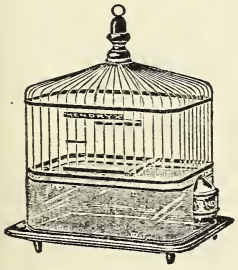
Price, with Guard
3 Sizes
$8.50, $9.50 and $10.50

No. 6½—This style cage comes in white enamel, ivory or japanned. It is substantially built and is very attractive, being equipped with guard and opal drinking cup.

Prices

White Enameled ..... $6.00 to $8.00
Ivory ..... $6.00 to $8.00
Japanned ..... $4.00 to $7.00



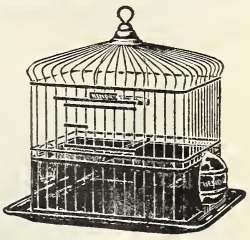


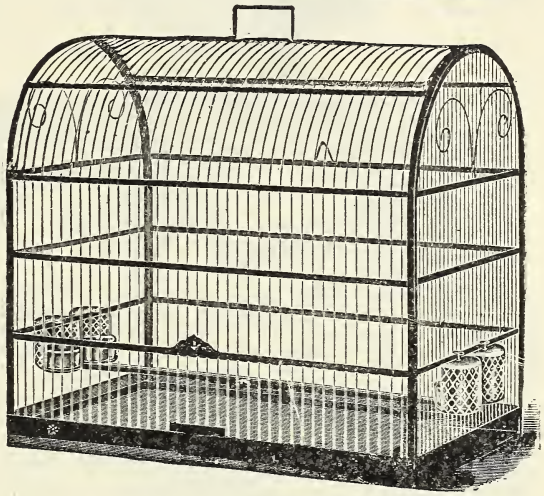
No. 265—A special japanned cage. Oblong, with glass cups. This is a good cage at a low price. Is neat, attractive and durable.

Price (without Guard) ..... $3.00 to $6.00

No. 231—Special brass cage, with or without the screen guards. This cage is indeed an ornament in any home and one that you will be proud to show to your friends.

Price (with Guard), ... $6.00 to $8.00
(without Guard), ... $5.00 to $7.00





OBLONG CAGES

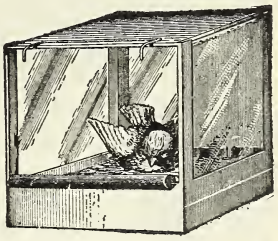
For Canaries, Mocking Birds and Robins. These cages are all-metal and are thoroughly enameled, so that they are absolutely vermin-proof. They have a drawer base that may be pulled out to clean the cage. We stock three sizes. **Prices:**

No. 82 (about 16 inches long) ..... $ 7.50
No. 84 (about 20 inches long) $11.00

BIRD BATH HOUSE

To attach to the cage, allowing the bird to bathe every day; 3 sides glass.

(Each $1.25).



CANARY BIRDS

Ask for our BIRD BOOKLET

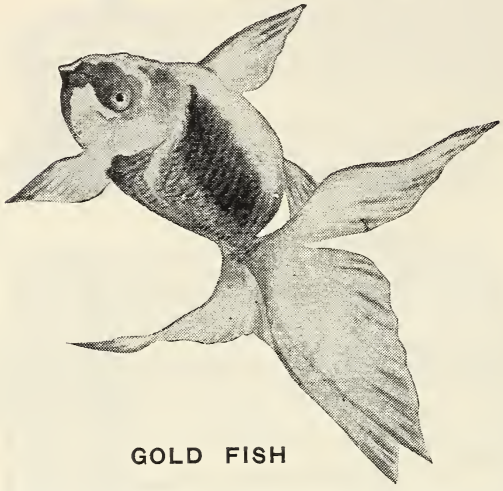
We can supply at all times good Canary Singers that are trained from King Bird Rollers. These vary in color and range in price from $10.00 to $25.00. We absolutely guarantee our birds and purchasers may within a reasonable length of time exchange any bird that is not satisfactory. Female Canaries, $2.00 to $3.50, depending on color, breed, etc.

BIRD SEED

Our specially prepared Bird Seed contains only those ingredients best suited for singing Canaries. If you have a good singer do not ruin him by feeding the ordinary preparations put up for quantity, not quality. We have made birds a study and know their requirements. Give them our Arizona Bird Seed. **(Per pkg. 30c), (10 lbs. $2.25),** postpaid.

GOLD FISH AND SUPPLIES

Listings on this page are f. o. b. Phoenix and should go by express only. In ordering Aquarium Ornaments, please state the size of your fish bowl.



GOLD FISH

GOLD FISH—Our first shipment of Gold Fish arrives about October 1st, and we have a variety from that time until February or March. We can make express shipments of two or more fish. In ordering please include 35c to cover cost of container and packing.

JAPANESE COMETS—About three inches long. **(Each $1.00).**

STRAIGHTTAIL—From 35c to $1.00 each, according to size.

FISH FOOD

Contains everything that is good for Aquaria Fish. **(Per package. 15c)**, postpaid.

DIP NETS

Gold Fish should not be handled with the hands. A Dip Net will handle them gently. **(Each 50c).**

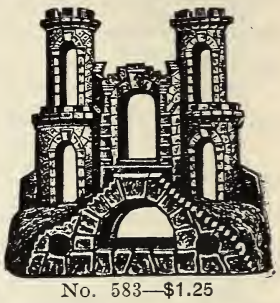
FISH MOSS

This pretty and popular plant is the best known oxygen producer. **(Per bunch 35c).**

FISH CASTLES

Very Ornamental

No. 596	$ .35
No. 629	.35
No. 602	.35
No. 466	.50
No. 575	.50
No. 576	.65
No. 616	.75
No. 583	1.25
No. 455	1.00
No. 560	2.50



No. 583—$1.25

Order by number and add 10c if wanted by parcel post.

FISH BOWLS

Made from bright, clear glass.
(Prices include packing for shipment)

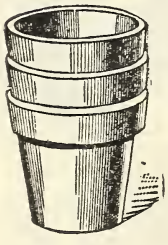
¼-gallon size	Each	$0.60
½-gallon size	"	1.00
1-gallon size	"	1.50
1½-gallon size	"	2.50
2-gallon size	"	3.00

LILY BOWL

Suitable for Chinese Lily or Paper White bulbs, also as a cut flower table decoration when flower stand is used in connection. These bowls are in green finish and are very decorative. **(5-inch, 40c; 6-inch, 75c; 8-inch, $1.10; 10-inch, $1.75)**, postage or express extra.

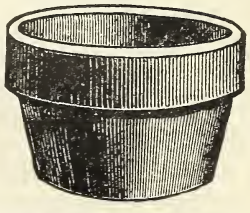
CUT FLOWER HOLDER—For any of the above bowls. **(Medium size, 35c; large, 50c).**

FLOWER POTS AND HANGING BASKETS



FLOWER POTS

	Each	Doz.
4-inch	$ .10	$1.00
5-inch	.15	1.50
6-inch	.50	2.00
8-inch	.50	.....
10-inch	1.00	.....



BULB POTS

	Each	Doz.
5-inch	$ .15	$1.50
6-inch	.25	2.00
7-inch	.40	3.00

SAUCERS

	Each	Doz.
4-inch	$ .05	$ .50
5-inch	.10	1.00
6-inch	.15	1.50
7-inch	.20	1.75
8-inch	.30	.....

HANGING BASKETS

Earthenware Hanging Baskets are especially desirable for Sprengeri Ferns. They are very ornamental and a hanging wire with hook is furnished with each basket. **(8-inch, $1.00; 10-inch, $1.50; 12-inch, $2.25).** By express or freight.

WIRE HANGING BASKETS

For Asparagus Ferns, Oxalis or other trailing plants. **(10-inch, 90c; 12-inch, $1.10; 14-inch, $1.25).** Moss for lining wire baskets, per **Lb., 50c).** All by express only.

BUY THE BEST—WE DO

(See page 70 for GARDEN HOSE)

Save money by ordering one of these Collections. Place your order at once as this Special Offer prevails for only a short time

Special Offer No. 1

3 First Size Hyacinths
3 Bedding Hyacinths
6 Tulips—assorted
3 Trumpet Daffodils

All for **$1.00** Postpaid

Special Offer No. 2

6 First Size Hyacinths
6 Bedding Hyacinths
12 Tulips—assorted
3 Trumpet Daffodils
3 Double Daffodils
6 Jonquils

All for **$2.00** Postpaid

Special Offer No. 3

3 First Size Hyacinths
6 Bedding Hyacinths
12 Tulips—assorted
3 Trumpet Daffodils
3 Double Daffodils
12 Jonquils
6 Crocus—mixed
12 Oxalis—mixed
2 Madonna Lilies

All for **$3.00** Postpaid

Special Offer No. 4

6 First Size Hyacinths
6 Bedding Hyacinths
12 Tulips—assorted
6 Trumpet Daffodils
6 Double Daffodils
12 Jonquils
6 Crocus—mixed
12 Oxalis—mixed
3 Madonna Lilies

All for **$4.00** Postpaid

CANDIDUM

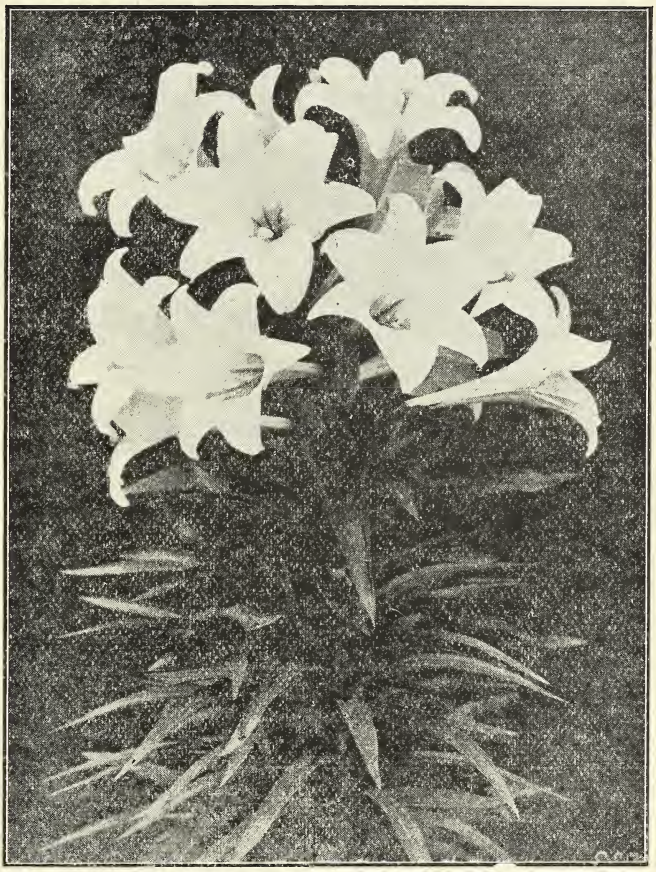
OR

White Madonna Lily

VERY BEAUTIFUL
LARGE SIZE BULBS

Each 20c; dozen $1.85

Postpaid



Candidum or White Madonna Lily

CROCUS

MAMMOTH FLOWERED
NAMED VARIETIES

Blue
White
Striped
Yellow
Mixed

Per dozen 30c

Per 100 $1.90

Postpaid

NARCISSUS

(POETICUS ORNATUS)

Each 4c; Dozen 40c

Per 100 $2.75

Postpaid

YELLOW JONQUILS

Each 5c; Dozen 45c

Per 100 $3.00

Postpaid

ARIZONA SEED AND FLORAL CO., Phoenix, Ariz.

(OVER)

Mail Your Order Right Now for Bulbs of the Finest

We will send them Postpaid — *Quality at Greatly Reduced Prices* — We will send them Postpaid

HYACINTHS

Largest Size Select Hyacinth

Pink, White, Blue, Yellow, Red

13c each

$1.45 per dozen

Bedding Hyacinth

Pink
White
Blue
Red

8c each

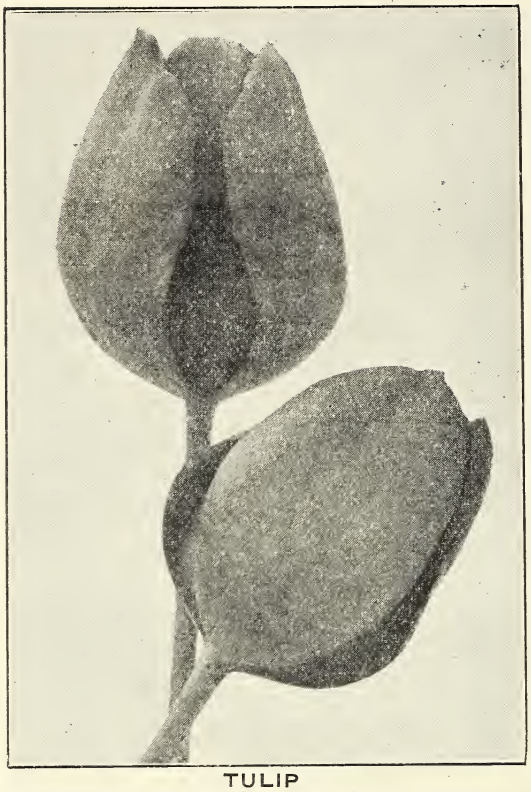
85c per dozen

Dutch Roman Hyacinth

Red, Pink, White, Blue, Yellow

11c each

$1.05 per dozen



TULIP

DARWIN TULIPS

IN SEVEN COLORS

Lilac Rose
Blue Violet
Crimson Scarlet
Silvery Lilac
Cerise Scarlet
Cherry Rose
Bright Violet

7c each; 65c per dozen

DARWIN MIXED, 55c dozen

DOUBLE TULIPS

Vivid Rosy Pink — Reddish Bronze — Light Pink

7c each; 65c per dozen

SINGLE TULIPS

Brilliant Scarlet
Pure Yellow
Rose Pink, Flushed White
White, Shaded Rose

7c each; 55c per dozen

DAFFODILS

Large Trumpet Varieties, as follows:

EMPEROR—Beautiful Deep Yellow
GOLDEN SPUR—Rich Golden Yellow
VICTORIA—Gold Trumpet with White Perianth

8c each; 80c per dozen

DOUBLE DAFFODIL or VON ZION

11c each

$1.05 per dozen

Plant Now For Spring Blooms

ARIZONA SEED AND FLORAL CO.

PHOENIX ARIZONA

(OVER)

ORDER SHEET

ARIZONA SEED & FLORAL COMPANY

28-30 SOUTH CENTRAL AVENUE, PHOENIX, ARIZONA

The Arizona Seed & Floral Co. gives no warranty, express or implied, as to description, purity, productiveness, or any other matter, of any seeds or bulbs they send out, and they will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned.

Date ..... 192....

Ship by..... { Mail / Express / Freight
—Cross out two

Your Name.....
(VERY PLAIN)

Postoffice.....

County..... State.....

Street and No.) / P. O. Box No. } ..... R. F. D. No.....

Name of Town to which you wish } Freight or Express Shipment made } .....

DATE RECEIVED

Amount Sent	Order No.

	QUANTITY WANTED	NAME OF ARTICLE WANTED	AMOUNT	

AMOUNT CARRIED OVER

	QUANTITY WANTED	NAME OF ARTICLE WANTED	AMOUNT	

WRITE BELOW!

Kindly write below the names of any of your acquaintances who use seeds, indicating with an X those who are Market Gardeners. We especially appreciate the addresses of Market Gardeners.

NAMES	Postoffice	State

Shipped via.....Postage.....Weight of Package.....

Date of Shipment.....Filled by.....Checked by.....Packed by.....

PLANTING CALENDAR FOR FIELD, GARDEN AND FLOWER SEEDS

Since the climatic conditions of Arizona vary to a great extent it would be impossible to formulate a table covering the entire state, therefore we cover here conditions in the Salt River Valley and Southern Arizona, elevations to 3000 feet. Elevations to 4000 feet, two to four weeks later.

JANUARY

VEGETABLE SEEDS—Asparagus, Beets, Cabbage Plants, Carrots, Cauliflower Plants, Celery, Collards, Endive, Kale, Kohlrabi, Lettuce, Mustard, Onion Seed, Onion Sets, Parsley, Parsnips, Peas, Potatoes, Radishes, Rhubarb Roots, Spinach, Turnips, Bermuda Grass, Blue Grass, Rye Grass, White Clover, Strawberry Plants.

FLOWER SEEDS—Bachelor Button, Calendula, Carnation, Cosmos, Double Daisy, Gaillardia, Larkspur, Moon Vine, Petunia, Pinks, Shasta Daisy, Sweet Alyssum, Sweet Peas, Verbena.

BULBS—Amaryllis, Canna, Calla Lily, Chinese Lily, Crocus, Daffodils, Freesias, Gladiolus, Jonquils, Hyacinths, Lily of the Valley, Narcissus, Oxalis, Paper White Narcissus, Tulips, White Madonna Lily, Ranunculus, Tuberoses.

FIELD SEEDS—Alfalfa, Barley, Oats, Rye, Wheat.

FEBRUARY

VEGETABLE SEEDS—Asparagus Roots, Beets, Cabbage Plants, Carrots, Celery, Collards, Cress, Endive, Kale, Kohlrabi, Lettuce, Mustard, Okra, Onion Sets, Parsley, Parsnips, Peas, Peppers in Hot Beds, Irish Potatoes, Sweet Potatoes, Tubers in Beds, Radish, Rhubarb Roots, Salsify, Squash, Tomatoes, Turnips.

FLOWER SEEDS—Asters, African Daisy, Bachelor Button, Balsam, Calendula, Carnation, Cosmos, Cockscomb, Evening Primrose, Four-O'clocks, Forget-Me-Nots, Helichrysum, Kochia, Lobelia, Marigold, Moon Vine, Morning Glory, Other Vine Seed, Nasturtium, Petunia, Pinks, Shasta Daisy, Sweet Alyssum, Sweet Peas, Verbena.

BULBS—Amaryllis, Caladium, Canna, Calla Lily, Chinese Lily, Gladiolus, Hyacinths, Madeira Vine, Tuberoses.

FIELD SEEDS—Alfalfa, Barley, Oats, Wheat. Set out Fruit Trees and Rose Bushes.

MARCH

VEGETABLE SEEDS—Asparagus Roots, Beans, Beets, Carrots, Celery, Collards, Corn, Cress, Cucumbers, Egg Plant, Endive, Kale, Kohlrabi, Leek, Lettuce, Melons, Mustard, Okra, Onion Sets, Peas, Pepper, Peanuts, Irish Potatoes, Sweet Potatoes, Pumpkin, Radish, Salsify, Spinach, Squash, Tomato Seed, Tomato Plants.

FLOWER SEEDS—All Vine Seeds, Balsam, Cockscomb, Cosmos, Four-O'clock, Helichrysum, Kochia, Larkspur, Marigold, Morning Glory, Nasturtium, Petunia, Portulaca, Sweet Alyssum, Verbena, Zinnia.

BULBS—Canna, Caladium, Gladiolus, Madeira Vine, Tuberoses.

FIELD SEEDS—Alfalfa, Sweet Clover. Set out Fruit Trees and Rose Bushes.

APRIL

VEGETABLE SEEDS—Asparagus Roots, Beans, Beets, Celery, Corn, Cucumbers, Egg Plant, Endive, Kale, Kohlrabi, Leek, Melons, Okra, Peanuts, Peas, Irish Potatoes in high altitudes, Sweet Potatoes, Sweet Potato Plants, Radish, Squash, Tomato Plants.

FLOWER SEEDS—Cosmos, Hollyhocks, Morning Glory, All Vine Seeds, Portulaca, Zinnia.

BULBS—Gladiolus, Canna, Tuberoses.

FIELD SEEDS—Corn, Cowpeas, Feterita, Kaffir Corn, Millet, Milo Maize, Hegari. Sorghum, Sudan Grass.

MAY AND JUNE

VEGETABLE SEEDS—Beet, Kale, Melons, Peanuts, Sweet Potato Plants, Squash.

FLOWER SEEDS—Cosmos, Morning Glory, Portulaca, Vine Seed. Zinnia.

FIELD SEEDS—Cowpeas, Feterita, Kaffir Corn, Millet, Milo Maize, Hegari, Sorghums, Sudan Grass.

JULY

VEGETABLE SEEDS—Brussels Sprouts, Cabbage Seed, and Cauliflower Seed in shaded bed, Casaba, Corn, Peanuts, Pumpkin, Squash.

FLOWER SEEDS—Cosmos, Portulaca, Morning Glory, Vine Seed, Zinnia.

FIELD SEEDS—Bermuda Grass, Corn, Cowpeas, Feterita, Kaffir Corn, Millet, Milo Maize, Pink Beans Sorghums, Sudan Grass.

AUGUST

VEGETABLE SEEDS—Beans, Beets, Cabbage, Carrots, Cauliflower, Corn, Cucumber, Kale, Pumpkin, Squash, Turnips.

FLOWER SEEDS—Christmas Flowering Sweet Peas, Cosmos, Phlox, Portulaca, Zinnia.

FIELD SEEDS—Corn, Cowpeas, Millet, Pink Beans to August 10, Sudan Grass.

SEPTEMBER

VEGETABLE SEEDS—Beans, Beets, Cabbage, Carrots, Cauliflower, Collards, Corn, Cress, Cucumbers, Herbs. Kale, Kohlrabi, Leek, Lettuce, Mustard, Onion Seed, Onion Sets, Parsley, Peas, Radish, Spinach, Turnips.

FLOWER SEEDS—African Daisy, Ageratum, Calendula, Candytuft, Carnation, Christmas Flowering Sweet Peas, Cosmos, Hollyhocks, Mignonette, Nasturtium, Pansies, Phlox, Pinks, Poppies, Scarlet Flax, Sweet Alyssum, Verbena, Zinnia.

FIELD SEEDS—Alfalfa, Canadian Field Peas.

OCTOBER

VEGETABLE SEEDS—Beet, Cabbage Plants, Carrots, Cauliflower, Celery, Collards, Cress, Endive, Garlic Sets, Herbs, Kale, Kohlrabi, Leek, Lettuce, Mustard, Onion Seed, Onion Sets, Parsley, Parsnips, Peas, Radish, Salsify, Spinach, Turnips.

FLOWER SEEDS—African Daisy, Calendula, Candytuft, Carnation, Centaurea, Clarkia, Coreopsis, Daisies, Globe Amaranth, Gaillardia, Hollyhocks, Larkspur, Mignonette, Moon Vine, Nicotiana, Nigella, Pansy, Petunia, Phlox, Pinks, Poppies, Scabiosa, Stocks, Sweet Alyssum, Sweet Peas, Verbena.

BULBS—Amaryllis, Calla Lily, Chinese Lily, Crocus, Daffodils, Freesias, Gladiolus, Hyacinths, Jonquils, Lily of the Valley, Narcissus, Oxalis, Paper White Narcissus, Ranunculus, Tulips, White Madonna Lily.

FIELD SEEDS—Alfalfa, Barley, Oats, Winter Rye, Wheat.

NOVEMBER AND DECEMBER

VEGETABLE SEEDS—Beet, Cabbage Plants, Carrots, Cauliflower Plants, Endive, Garlic Sets, Kale, Lettuce, Mustard, Onion Seed, Onion Sets, Parsley, Parsnips, Peas, Radish, Spinach, Turnips.

FLOWER SEEDS—African Daisy, Calendula, Candytuft, Carnation, Centaurea, Clarkia, Coreopsis, Daisies, Globe Amaranth, Gaillardia, Hollyhock, Larkspur, Mignonette, Moon Vine, Nicotiana, Nigella, Pansy, Petunia, Phlox, Pinks, Poppies, Scabiosa, Stocks, Sweet Peas, Verbena.

BULBS—Amaryllis, Calla Lily, Chinese Lily, Crocus, Daffodils, Freesias, Gladiolus, Hyacinths, Jonquils, Lily of the Valley, Narcissus, Oxalis, Paper White Narcissus, Ranunculus, Tulips, White Madonna Lily.

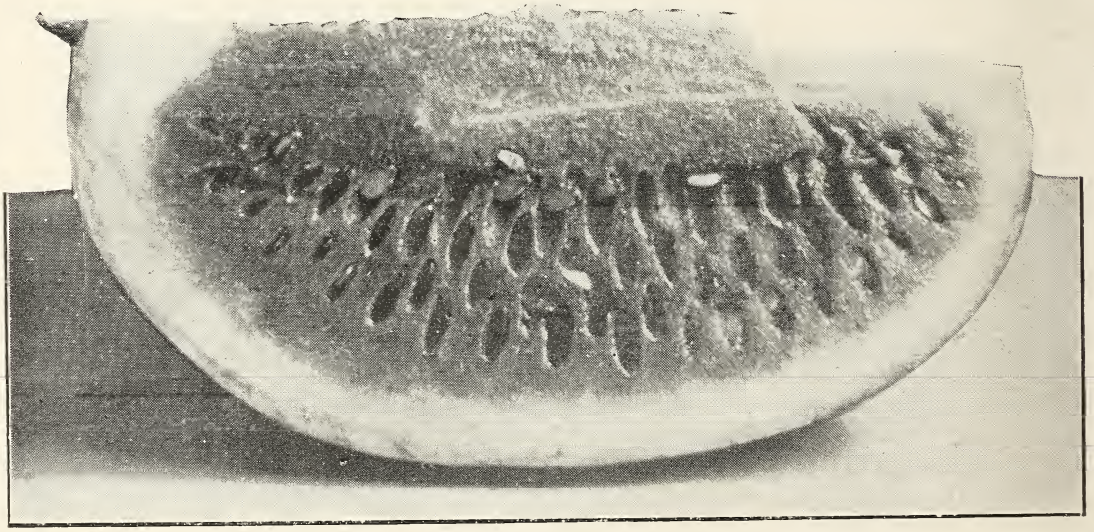
FIELD SEEDS—Alfalfa, Barley, Oats, Wheat, Winter Rye.

Arizona Seed & Floral Company

28-30 South Central Avenue **Phoenix, Arizona, U. S. A.**

A hot summer day, and a poor appetite—A delicious Cantaloupe or a cold, crisp, sweet and juicy Watermelon would taste good to the last morsel.

Enjoy them from your own home garden. See pages 19 to 23 for varieties and prices.



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